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ADDENDA TO APPENDIX, No. 1 (pp. 312, 340).

Genus PSITTACULA, Brisson. (Subfam. ARINÆ, p. 3).

1838. Ps. PASSERINA *(Pl. Enl.* 455, f. 1).

SYN. *Psittacus passerinus*, L.
P. cyanopterus, Swainson.

HAB. Guiana, Brazil.
A. Specimen presented by C. T. Eyton, Esq.

Genus TANYGNATHUS, p. 3.

1839. T. SUMATRANUS.

SYN. *Psittacus sumatranus*, Raffles.
Kéké, Sumatra.

HAB. Sumatra? Java? Borneo.
A. Male, presented by Babu Rajendra Mallika. *B.* Female (No. 13, B, of Catalogue).

Genus PLATYCERCUS, p. 8.

1840. PL. BAUERI (Gould's *B. A.* Vol V, pl. 20).

SYN. *Psittacus Baueri*, Temminck.

HAB. Pt. Lincoln, S. Australia.
A. Female, presented by the Curator.

Genus CORYPHILUS, p. 13.

1841. C. PIPILANS.

SYN. *Psittacus pipilans*, Latham.
Ps. euchloros, Forster.
Ps. fringillaceus et *Ps. australis*, Gmelin.
Ps. porphyreocephalus, Shaw.

HAB. Tahiti.
A. Male. Presented by M. Neveu.

Genus IERACIDEA, Gould. (Subfam. FALCONINÆ, p. 13.)

1842. I. BERIGORA (Gould's *B. A.*, Vol. 1, pl. 11, 12?)

SYN. *Falco berigora*, Vigors and Horsfield.
I. occidentalis, Gould, var.?

HAB. Australia.
A. Presented by C. T. Eyton, Esq.

Genus BUTEO, p. 28.

1843. B. BOREALIS (Wilson's *Am. Orn.* pl. 52, f. 1 (adult), and f. 2 (young).

SYN. *Falco borealis*, *F. leverianus*, et *F. jamaicensis*, Gmelin.
F. ferrugineocauda, *B. americanus*, *B. fulvus*, et *Accipiter ruficaudus*, Vieillot.
F. Harlani, Audubon.
Buteo vulgaris apud Richardson and Swainson.
B. Swainsoni, Bonap.
B. montanus, Nuttall.
B. ventralis, Gould.

HAB. N. America.
A. Young, from N. Carolina. Rev. F. Fitzgerald.

Genus SYRNIUM, p. 40.

1844. S. SELOPUTO *(Pl. Col.* 230).
SYN. *Strix seloputo,* Horsfield.
Str. pagodarum, Temminck.
HAB. Malay countries; Mergui; Nicobar Islands.
A. Specimen from Mergui, presented by Capt. Berdmore.

Genus CERYLE, p. 48.

1845. C. ALCYON (Wils. *Am. Orn.* pl. 23, f. 1).
SYN. *Alcedo alcyon,* L.
A. guacu, Vieillot.
HAB. N. America.
A. Male, from N. Carolina. Rev. F. Fitzgerald.

Genus GALBULA, p. 53.

1846. G. VIRIDIS, Latham *(Pl. Enl.* 238, Edwards, pl. 334).
SYN. *Alcedo galbula,* L.
G. viridicauda, Swainson.
G. rubricollis, Shaw.
HAB. Guiana; Brazil.
A. Specimen presented by the Curator.

Genus JACAMEROPS, Cuv.

1847. J. GRANDIS (Lev., *Hist. Nat. Jac.,* t. 54).
SYN. *Alcedo grandis,* Gmelin.
Galbula grandis et *G. jacamarici,* Shaw.
Lamprotila platyrhyncha, Swainson.
HAB. Guiana, &c.
A. Specimen presented by the Curator.

Genus DRYOCOPUS, p. 61.

1848. DR. PILEATUS (Wilson's *Am. Orn.* pl. 29, f. 2).
SYN. *Picus pileatus,* L.
HAB. N. America.
A. Female, from N. Carolina. Rev. F. Fitzgerald.

Genus LEUCONERPES, Swainson.

1849. L. DOMINICANUS (Swainson's *Zool. Ill.,* 1st Series, pl. 38).
SYN. *Picus dominicanus,* Vieillot.
P. bicolor, Swainson.
P. candidus, Otto.
P. melanopterus, Pr. Niew.
HAB. Brazil, Guiana, &c.
A. Specimen presented by C. T. Eyton, Esq.

Genus CAPITO, Vieillot. Fam. MEGALAIMIDÆ (RAMPHASTIDÆ?), p. 65.

1850. C. ERYTHROCEPHALUS *(Pl. Enl.* 206, f. 1).
SYN. *Bucco erythrocephalus,* Boddaert.
B. cayanensis, Gmelin.

HAB. Guiana.
A. Specimen presented by the Curator.

1851. C. NIGROMACULATUS (Edwards, pl. 333).
SYN. *Bucco nigromaculatus*, Shaw.
HAB. Cayenne.
A. Specimen presented by the Curator.

Genus EUDYNAMYS, p. 73.

1852. EU. TAITENSIS (*Mus. Carls.*, t. 32).
SYN. *Cuculus taitensis*, Sparrman.
C. taitius, Gmelin.
HAB. N. Zealand, Tahiti, &c.
A. Female, from N. Zealand. C. T. Eyton, Esq.

Genus COCCYZUS, p. 75.

1853. C. ERYTHROPTHALMOS, Wilson (*Am. Orn.*, pl. 28, f. 2).
SYN. *Cuculus erythropthalmos*, Wilson.
Coccyzus dominicus, Nuttall.
HAB. N. America.
A. Specimen from N. Carolina. Rev. F. Fitzgerald.

Genus SAUROTHERA, Vieillot. (Subfam. CUCULINÆ, p. 70.)

1854. S. VETULA (*Pl. Enl.* 772).
SYN. *Cuculus vetulus*, Gmelin.
HAB. S. America.
A. Specimen presented by C. T. Eyton, Esq.

Genus DIPLOPTERUS, Boie. (Subfam. PHŒNICOPHAINÆ, p. 75.)

1855. D. GUIRA (*Voy. de l' Uranie, Ois.* t. 26).
SYN. *Cuculus guira*, Gmelin.
Crotophaga piririgua, Vieillot.
HAB. S. America.
A. Specimen presented by C. T. Eyton, Esq.

Genus ÆGOTHELES, p. 81.

1856. Æ. NOVÆ HOLLANDIÆ, with habitat and synonymes from No. 406.*
A. Specimen presented by C. T. Eyton, Esq.

Genus PODAGER, Wagler. (Subfam. CAPRIMULGINÆ, p. 82.)

1857. P. ? (Affined to *P. nacunda*, (Vieillot).
HAB. S. America.
A. Specimen presented by C. T. Eyton, Esq.

Genus CAPRIMULGUS, p. 82.

1858. C. KELAARTI, Blyth, *J. A. S.* XX, 175.
HAB. Nilgiris and Mountains of Ceylon.
A. (No. 409, *F.*) Male, from the Nilgiris. Presented by T. C. Jerdon, Esq. *C. D.* Male and female, from Newera Elia, presented by Dr. Kelaart.

* No. 406, *a*, ÆGOTHELES LEUCOGASTER, Gould, from W. Australia.

Genus TROCHILUS, L., p. 87.

1859. TR. TEMMINCKII, Boie (Gould's *Mon. Trochilidæ*, pt. 1).
(Subgenus PTEROPHANES,).
HAB. Bogota.
A. Female. Presented by C. T. Eyton, Esq.

1860. TR. FUSCUS,
Subgenus LAMPORNIS, Swainson).
HAB.
A. Specimen presented by C. T. Eyton, Esq.

1861. TR. MELLIVORUS, L. (Edwards, pl. 35).
HAB. Guiana, Surinam, S. W. I. Islands.
A. Specimen presented by the Curator.

1862. TR. GRAMINEUS, L. (*Pl. Enl.* 680).
HAB. Guiana, Hayti.
A. Specimen presented by C. T. Eyton, Esq. *B*. Another, presented by the Curator.

1863. TR. JUGULARIS, L. (Edwards, pl. 266, f. 1).
SYN. *Tr. auratus*, Audebert.
HAB. Surinam.
A. Specimen presented by C. T. Eyton, Esq.

1864. TR.
(Subgenus ——?)
HAB.
A. Female. Presented by the Curator.

1865. TR. HELIANTHEA, Lesson.
(Subgenus ——?, affined to *Eiropus.)*
HAB. Bogota.
A. Specimen presented by the Curator.

1866. TR. VESTITA.
SYN. *Ornysmya vestita*, Gouye de Longueman, *Rev. Zool.* 1838, 314; 1839, p. 18; 1840, p. 8.
(Subgenus EIROPUS, Gould).
HAB. Bogota.
A. Specimen presented by the Curator.

1867. TR. CUPREOVENTRIS, Fraser, *P. Z. S.* 1840, p. 15.
SYN. *Ornismya maniculata*, Lesson.
HAB. Bogota.
A. Specimen presented by the Curator.

1868. TR.
(Subgenus ——?)
HAB.
A. Specimen presented by the Curator.

1869. TR. SAPPHIRINUS, L. *(Nat. Libr., Trochilidæ*, pl. 28).
(Subgenus CYNANTHUS, Swainson).
HAB. Guiana, Brazil.
A. Specimen presented by the Curator.

1870. Tr. prasinus, Lesson *(Nat. Libr., Troch.*, pl. 8).
Hab. Brazil.
A. Specimen presented by the Curator.

1871. Tr. cæruleus, Vieillot *(Ois. dor.* pl. 40).
Hab. Guiana.
A. B. Specimens presented by the Curator.

1872. Tr.
(Subgenus ——?)
Hab.
A. Specimen presented by the Curator.

1873. Tr. iolatus.
Syn. *Pelasophora iolata*, Gould, *P. Z. S.* 1847, p. 9.
Hab. Bolivia.
A. Specimen presented by the Curator.

1874. Tr. holosericeus, L. (Edwards, pl. 36).
(Subgenus ——?)
Hab. Mexico and Guiana (Latham); Antilles only (Lesson).
A. Specimen presented by the Curator.

1875. Tr. eurynomus, Lesson *(Nat. Libr., Troch.* pl. 28).
(Subgenus PHÆTHORNIS, Swainson).
Hab. Brazil.
A, Young, Mr. Eyton.

1876. Tr. ——?
Hab. ?
A. Young. Presented by the Curator.

1877. Tr.
(Subgenus ——?
Hab.
A. Specimen presented by C. T. Eyton, Esq.

1878. Tr.
(Subgenus ——?
Hab.
A. Female? Presented by the Curator.

Genus Strepera, p. 105.

1879. Str. arguta, Gould *(B. A.* II. 44).
Hab. S. Australia; V. D. Land.
A. Specimen presented by C. T. Eyton, Esq.

Genus Garrulax, p. 95.

1880. G. merulinus, Blyth, *J. A. S.* XX, 521.
Hab. Khásya hills.
A. B. Specimens from Charra Punji. Presented by R. W. G. Frith, Esq.

1881. G. ruficapillus, Blyth, *J. A. S.* XX, 521.
Hab. Khásya hills.
A. B. Specimens from Charra Punji. Presented by R. W. G. Frith, Esq.

Genus SIBIA, p. 98.

1882. S. GRACILIS, *J. A. S.* XVI, 449; XX, 521.
SYN. *Hypsipetes gracilis*, McClelland, *P. Z. S.* 1839, p. 159.
HAB. Khásya hills.
A. Specimen from Charra Punji; presented by R. W. G. Frith, Esq.

Genus PTERUTHIUS, p. 98.

1883. PT. MELANOTIS, Hodgson, *J. A. S.* XVI, 448.
HAB. S. E. Himalaya; Mountains of Asám.
A. Specimen from Charra Punji; presented by R. W. G. Frith, Esq.

Genus CHRYSOMITRIS, p. 123.

1884. CHR. TRISTIS (Wilson's *Am. Orn.*, pl. 1, f. 2).
SYN. *Fringilla tristis*, L.
Carduelis americana, Bartram.
HAB. N. America.
A. Male, S. Carolina. Rev. F. Fitzgerald.

Genus CARDINALIS, Bonap.* (Fam. FRINGILLIDÆ, Subfam. —— ?.)

1885. C. VIRGINIANUS, Bonap. (Wils. *Am. Orn.* pl. 11, f. 1, 2).
SYN. *Loxia cardinalis*, L.
HAB. N. America.
A. Male. *B.* Female. S. Carolina. Rev. F. Fitzgerald.

Genus RAMPHOPIS, p. 127.

1886. R. BRASILIA (Swainson's *Orn. Dr.* pl. 18, 19).
SYN. *Tanagra brazilia*, L.
Ramphocelus coccineus, Vieillot.
HAB. Brazil, &c.
A. Presented by the Curator.

Genus PYRANGA, Vieillot.

1887. P. RUBRA (Wilson's *Am. Orn.* pl. 11, figs. 3, 4).
SYN. *Tanagra rubra*, L.
T. erythromelas, Vieillot.
HAB. N. America.
A. Presented by the Curator.

Genus CALLISTE, p. 126.

1888. C. CYANICOLLIS (d'Orb).
SYN. *Aglaia cyanicollis*, (d'Orb.)
HAB. ?
A. Presented by the Curator.

1889. C. THALASSINA, Strickland, *Ann. Mag. N. H.* 1844, p. 419.
HAB. Mexico?
A. Presented by the Curator.

1890. C. ?
A. Presented by the Curator.

* Nec CARDINALIS, p. 126, which is PAROARIA, Bonap.

GENUS TATAO, BONAP.*

1891. T. FESTIVA *(Pl. Col.* 215, f. 2; *Pl. Enl.* 33, f. 2).
SYN. *Tanagra festiva*, Shaw.
T. tricolor, var., Latham.
T. trichroa, Lichtenstein.
T. cyanocephala, Vieillot.
T. rubricollis, Temminck.
HAB. Brazil.
A. B. Specimens presented by the Curator.

1892. T. PARADISEUS *(Pl. Enl.* 127, f. 2, pl. 7, f. 1; Edwards, pl. 349).
SYN. *Tanagra tatao*, L.
Aglaia paradisea, Swainson.
HAB. Guiana; Brazil.
A. Specimen presented by the Curator.

GENUS IXOTHRAUPIS, Bonap.

1893. I. GUTTULATA, Bonap.
SYN. *Calliste chrysophrys*, Sclater.
HAB. Peru; Equatorial Republic.
A. Specimen presented by the Curator.

* In the Prince of Canino's review of the Tanager group (exclusive of the genera SPERMOPHILA, PYTILUS, PAROARIA (nec *Cardinalis*), SALTATOR, and ARREMON, pp. 126, 127), published in the 'Revue Zoologique de la Societé Cuvierienne' for 1851, the few species included in the present catalogue occur in the following succession:—

697. PIPRAIDA VASSORI. SYN. *Aglaia diva*, Lesson.
702. EUPHONIA CHLOROTICA, Desm. SYN. *Tanagra chlorotica*, L.: *T. violacea*, var. *chlorotica*, Gm.: *Euphonia violacea*, Bonap, 1837. HAB. Guiana, Brazil, Trinidad.
1897. GYROLA VIRIDISSIMA.
695. CALLISTE PERUVIANA: SYN. *Tanagra gyrola*, Wied.: *Aglaia melanota*, Swainson, adult: *A. melanotis*, Sw., young.
1892. TATAO PARADISEUS.
1891. T. FESTIVUS.
1888. T. CŒRULEOCEPHALUS: SYN. *Aglaia cœruleocephala*, Swainson; *Aglaia cyanicollis*, d'Orb. HAB. Bolivia.
1889. CHRYSOTHRAUPIS THALASSINA: SYN. *Aglaia Wilsoni*, Lafr.; *Calliste thalassina* et *C. Wilsoni*, Gray. HAB. Brazil, Peru.
1893. IXOTHRAUPIS GUTTULATA.
1894. I. CHRYSOGASTER.
1895. CHALCOTHRAUPIS NIGROVIRIDIS.
696. CALLOSPIZA BRASILIENSIS.
1896. C. CAYANENSIS.
694. TANAGRA SAYACA, L. (Edwards, pl. 351, f. 1). SYN. *T. cana*, Sw., mas; *cœlestis*, Sw. (nec Spix), fœm.; *prælatus*, Lesson; *cana* et *Swainsonii*, Gray. HAB. Venezuela; Trinidad.
698. ANISOGNATHUS IGNIVENTRIS. SYN. *Tanagra igniventris*, d'Orb.; *T. lunulata*, Dubus; *T. Constantii*, Boiss.; *Aglaia erythrotis*, Jardine and Selby.
699. TACHYPHONUS NIGERRIMUS. SYN. *Oriolus leucopterus* et *Tanagra nigerrima*, Gmelin; *T. rufa*, Bodd., female; *Pyrrota leucoptera*, Vieillot; *Oriolus melaleucos*, Sparm; *Tach. cirrhomelas*, Vieillot, var. HAB. Brazil; Paraguay.
1887. PYRANGA RUBRA.
700. RAMPHOPIS JACAPA.
1886. RH. BRASILIA.

1894. J. CHRYSOGASTER, Bonap.
SYN. *Calliste xanthogaster*, Sclater.
HAB. Columbia.
A. Specimen presented by the Curator.

Genus CHALCOTHRAUPIS, Bonap.

1895. CH. NIGROVIRIDIS.
SYN. *Aglaia nigriviridis*, Lafr.
HAB. Bogota.
A. Specimen presented by the Curator.

Genus CALLOSPIZA, Bonap.

1896. C. CAYANENSIS (Edwards, pl. 550.)
SYN. *Tanagra mexicana*, pars, L.
T. flaviventris, pars, Vieillot.
HAB. Guiana; Brazil.
A. Specimen presented by the Curator.

Genus GYROLA, Reichenback.

1897. G. VIRIDISSIMA.
SYN. *Aglaia gyrola*, Swainson.
A. viridissima, Lafresnaye.
Calliste Desmaresti, Gray.
HAB. Antilles.
A. Specimen presented by the Curator.

Genus SPIZELLA, Bonap. (Subfam. EMBERIZINÆ, p. 12).

1898. SP. PUSILLA (Wilson, *Am. Orn.* pl. 16, f. 2).
SYN. *Fringilla pusilla*, Wilson.
F. juncorum, Nuttall.
Passer agrestis, Bartram.
HAB. N. America.
A. Specimen from S. Carolina. Rev. F. Fitzgerald.

Genus PASSERCULUS, Bonap.

1899. P. SAVANNUS (Wils. *Am. Orn.* pl. 34, f. 4, 22, f. 3).
SYN. *Fringilla savanna*, Wilson.
Fr. savannarum, Vieillot.
HAB. N. America.
A. B. Specimens from N. Carolina. Rev. F. Fitzgerald.

Genus MALURUS, p. 140.

1900. M. ELEGANS, Gould (*B. A.* III, 22).
HAB. W. Australia.
A. Specimen presented by the Curator.

Genus MELANOCORYPHA, p. 131.

1901. M. TORQUATA, Blyth, *J. A. S.* XIII, 962, XVI, 476.
HAB. Middle Asia.
A. Female. Presented by the Curator.

Genus PLATYSTEIRA, Jardine and Selby (near *Hemipus*, p. 154).

1902. PL. MELANOPTERA (*Pl. Enl.* 567, f. 3; J. and S. *Ill. Orn.* pl. 9, f. 1, 2).
SYN. *Muscicapa melanoptera*, Gmelin.
Platyrhynchus collaris et *Pl. Desmarestii*, Jardine and Selby.
HAB. Africa.
A. Specimen from C. T. Eyton, Esq. Presented by the Curator.

Genus TODIROSTRUM, Lesson.

1903. T. MELANOCEPHALUM (Swainson's 'Flycatchers,' pl. 18, *Nat. Libr.*)
SYN. *Todus melanocephalus*, Spix.
HAB. Brazil, Guiana, &c.
A. Specimen from C. T. Eyton, Esq. Presented by the Curator.

Genus MIMUS, Boie. (Subfam. MERULINÆ p. 159).

1904. M. RUFUS (Wils. *Am. Orn.* pl. 14, f. 1).
SYN. *Turdus rufus*, L.
T. carolinensis, Brisson.
HAB. N. America.
A. Specimen from N. Carolina. Rev. F. Fitzgerald.

1905. M. MODULATOR?
SYN. *Orpheus modulator* (*?*), Gould, *P. Z. S.* 1836, p. 6.
HAB. Southernmost parts of America.
A. B. Specimens from Chili, purchased (1843).

1906. M. THENCA (Spix, *Av. Bras.* t. 71, f. 2).
SYN. *Turdus thenca*, Molina.
T. orpheus, V, Gmelin.
Orpheus australis, Lesson.
M. varius, Brisson.
HAB. Chili or Peru.
A. B. Specimens purchased (1843).

Genus SAXICOLA, p. 167.

1907. S. FUSCA, Blyth, *J. A. S.* XX, 523.
HAB. Upper Hindustan.
A. Fragments of a specimen from Muttra. Presented by the Rev. T. Phillips.

Genus PETROICA, p. 177.

1908. P. BICOLOR (Swainson's *Zool. Ill.*, 2nd series, pl. 43; Gould's *B. A.* III, 7).
SYN? *Muscicapa cucullata*, Latham.
HAB. N. S. Wales; W. and S. Australia.
A. Specimen from C. T. Eyton, Esq. Presented by the Curator.

Genus DONACOBIUS, Swainson.

1909. D. ATRICAPILLUS (*Pl. Enl.* 392; Swainson's *Zool. Ill. n. s.* pl. 27).
SYN. *Turdus atricapillus*, L.
T. brasiliensis et *Oriolus japocani*, Gmelin.
T. pratensis, Vieillot.
Gracula longirostra, Pallas.
D. vociferus, Swainson.
HAB. Brazil, &c.
A. Specimen from C. T. Eyton, Esq. Presented by the Curator.

Genus TRICHAS, Swainson (SYLVICOLINÆ, p. 186).

1910. TR. MARILANDICA (Wilson's *Am. Orn.* pl. 6, f. 1).
SYN. *Turdus trichas*, L.
Ficedula marilandica, Brisson.
Tr. personatus, Swainson.
Sylvia Roscoe, Audubon.
HAB. N. America.
A. Male, from N. Carolina. Rev. F. Fitzgerald.

Genus SYLVICOLA, p. 186.

1911. S. ?
HAB. S. America?
A. Specimen from C. T. Eyton, Esq. Presented by the Curator.

Genus CYCHLARIS, Swainson (near VIREO? p. 314).

1912. C. GUIANENSIS, (Lev. *Ois. d'Afr.*, pl. 76, f. 2).
SYN. *Tanagra guianensis*, Gmelin.
HAB. Brazil, Guiana, &c.

Genus GRAUCULUS, p. 190.

1913. GR. JAVENSIS?
SYN. *Ceblephyris javensis (?)*, Horsfield.
HAB. Malay Countries.
A. Specimen from C. T. Eyton, Esq. Presented by the Curator. *B. C.* others, from Ceylon. Presented by E. L. Layard, Esq., and Dr. Kelaart.

Genus PIPRA, p. 196.

1914. P. PAREOLA, L. (Edwards, pl. 261; *Dict. Class d'Hist. Nat.* pl. 26, f. 2).
SYN. *P. superba*, Stephens.
HAB. Cuba (?), Guiana, &c.
A. Specimen presented by the Curator.

1915. P. AUREOLA, L. (Edwards, pl. 83, f. 2).
HAB. Guiana.
A. Specimen presented by the Curator.

Genus PROGNE, Boie (HIRUNDINIDÆ, p. 197).

1916. PR. PURPUREA (Wils. *Am. Orn.* pl. 39, f. 1, 2).
SYN. *Hirundo purpurea* et *H. subis*, L.
H. violacea, Gmelin.
HAB. N. America.
A. Female, from N. Carolina. Rev. F. Fitzgerald.

Genus SPIZIXOS, Blyth (PYCNONOTIDÆ, p. 26).

1917. SP. CANIFRONS, Blyth, *J. A. S.* XIV, 571, XX, 520.
HAB. Khásya hills.
A. Specimen from Cherra Punji; presented by R. W. G. Frith, Esq.

Genus PYCNONOTUS, p. 208.

1918. P. PENICILLATUS, Kelaart, Blyth, *J. A. S.* XX, 178.
HAB. Mountains of Ceylon.
A. Specimen presented by Dr. Kelaart.

1919. P. NIGRICANS *(Pl. Enl.* 317; Lev. *Ois. d'Afr.*, t. 106, f. 1).
SYN. *Muscicapa (?), nigricans*, Vieillot.
Turdus capensis, var. A, Latham.
T. Levaillantii, Temminck.
Ixos xanthopygus, Ehrenberg.
HAB. Africa, Arabia.
A. Specimen procured at Jidha. Presented by Baba Rajendra Mallika.

Genus MELIPHAGA, p. 217.

1920. M. NOVÆ ZEELANDIÆ (Lev. *Ois. d'Afr.* pl. 92).
SYN. *Merops novæ zeelandiæ*, Gmelin.
M. cincinnata, (Forster, MS.) Latham.
Sturnus crispicollis, Daudin.
HAB. New Zealand.
A. Specimen from C. T. Eyton, Esq. Presented by the Curator.

Genus CÆREBA, p. 221.

1921. C. CÆRULEA (Edwards, pl. 21).
SYN. *Certhia cærulea*, L.
HAB. Brazil, &c.
A. B. Specimens presented by the Curator.

Genus DACNIS, p. 221.

1922. D. MELANOTIS, Strickland *(Pl. Enl.* 569, f. 2).
HAB. Guiana.
A. Specimen presented by the Curator.

Genus TRERON, p. 228.

1923. TR. POMPADORA (Brown's *Illustr. Zool.* pl. 19, 20—bad).
SYN. *Columba pompadora*, Gmelin.
HAB. Ceylon.
A. B. Male and female. Presented by E. L. Layard, Esq.

Genus ODONTOPHORUS, Vieillot. (Colins, p. 254.)

1924. O. GUIANENSIS (Vieillot, *Gal. des Oiseaux*, pl. 211).
SYN. *Tetrao guianensis*, Gmelin.
O. rufus, Vieillot.
Perdix dentata, Temminck.
HAB. S. America.
A. Specimen from C. T. Eyton, Esq.

Genus CHŒTUSIA, Wagler (after VANELLUS, p. 261).

1925. CH. GREGARIA (Hardwicke, *Ill. Ind. Zool.)*
SYN. *Charadrius gregarius*, Pallas.
Tringa keptuschka, Lepech.
Black-breasted Sandpiper, Hardwicke.
HAB. Upper Hindustan.
A. Specimen from Muttra. Presented by the Rev. T. Phillips.

Genus LOBIPES, Cuvier (after PHALAROPUS, p. 271).

1926. L. HYPERBOREUS *(Pl. Enl.* 766).
SYN. *Tringa hyperborea* et *Tr. lobata*, L.
Tr. fusca, Gmelin.
Phalaropus cinereus, Brehm.
Ph. angustirostris, Naumann.
HAB. Northern regions.
A. Specimen from C. T. Eyton, Esq.

Subgenus BUTORIDES, p. 281.

1927. B. VIRESCENS (Wils. *Am. Orn.* pl. 61. f. 1).
SYN. *Ardea virescens*, L.
HAB. N. America.
A. Young, from N. Carolina. Rev. F. Fitzgerald.

Genus DENDROCYGNA, p. 301.

1928. D. ARBOREA (Edwards, pl. 193; *Pl. Enl.* 1804).
SYN. *Anas arborea*, L.
HAB. S. America.
A. Specimen from C. T. Eyton, Esq.

Genus CAIRINA, Fleming (after SARCIDIORNIS, 302).

1929. C. MOSCHATA *(Pl. Enl.* 989).
SYN. *Anas moschata*, L.
A. Merianæ, Shaw.
Cairina sylvestris, Stephens.
HAB. S. America.
A. Male. *B.* Female (Domestic.) Presented by G. Moxon, Esq.

Genus FULIGULA, p. 306.

1930. F. MARILOIDES, Richardson.
SYN. *F. affinis*, Eyton.
F. minor, Girard.

HAB. N. America. Rare in Europe.
A. Female, from S. Carolina.
Presented by the Rev. F. Fitzgerald.*

Genus OIDEMIA, p. 307.

1931. O. FUSCA (*Pl. Enl.* 956.)
SYN. *Anas fusca*, L.
A. carbo, Pallas.
A. fuliginosa, Bechstein.
HAB. Northern regions.
A. Male. England. Presented by the Curator.

Genus CLANGULA, p. 307.

1932. CL. ALBEOLA (Wils. *Am. Orn.*, pl. 67, f. 2, 3).
SYN. *Anas albeola*, *A. bucephala*, et *A. rustica*, L.
HAB. N. America.
A. Female, from N. Carolina. Rev. F. Fitzgerald.

Genus MERGELLUS, Selby. (MERGINÆ, p. 308.)

1933. M. ALBELLUS (*Pl. Enl.* 449).
SYN. *Mergus albellus* et *M. minutus*, L.
M. asiaticus (?), Gmelin.
M. glacialis, Brunnich.
M. stellatus, Brisson.
HAB. Northern regions; Upper Indus in winter.
A. Male, from Norway. C. S. Bonnevie, Esq.

ADDENDA TO APPENDIX, No. 2 (pp. 314, 340).

20. *F.* Young male, presented by the Curator.
29. *E.* Young male, presented by do.
54. *B.* Specimen of the variety noticed. Presented by do.
62. *F.* Fine adult male, from Muttra. Presented by the Rev. T. Phillips.
73. *B.* Female of TINNUNCULUS SPARVERIUS *(verus)*, from N. Carolina. Presented by the Rev. F. Fitzgerald.
86. *I.* Small specimen from Malacca (H. BIDO?) Presented by the Rev. F. J. Lindstedt (1845).
87. Cancel: and substitute H. SPILOGASTER, Blyth, *n. s.*
HAB. Ceylon.
A. B. Specimens presented by E. L. Layard, Esq. and Dr. Kelaart.
95. *B.* Adult male, presented by Mr. E. Linstedt. *N. B.* Specimen *A* is a younger male.
104. *C.* Fine adult, from Newera Elia, Ceylon. Presented by Dr. Kelaart.
110. *D.* Specimen of an uniform brown colour. Presented by the Curator.

* For No. 1786, vide p. xxiv.

122. *B.* Fine adult, from Malacca. Presented by Mr. G. Moxon.
139. *B.* Younger do. Norway. Presented by C. T. Bonnevie, Esq.
142. *B.* Fine male, from N. Carolina. Presented by the Rev. F. Fitzgerald.
143. *B.* Replaced by a finer specimen. Presented by the Rev. T. Phillips.
160. *B.* Another. *C.* Young. Presented by the Curator.
162. *B.* Another. Norway. C. T. Bonnevie, Esq.
177. *E.* Specimen from Ceylon. E. L. Layard, Esq.
219. *B.* Another. Presented by the Curator.
224. *E.* Nestling young. Presented by do.
267. *C.* Male, from Ceylon. Presented by Dr. Kelaart.
297. *B.* (vide p. 315). *C.* Another, from N. Carolina. Presented by the Rev. F. Fitzgerald.
298. *C.* Male. Norway. C. T. Bonnevie, Esq. *D.* Female. England. Presented by the Curator.
343. *E.* Very fine adult, from Kunáwar. Presented by Lt. James.
348. *C.* Specimen from Ceylon. Dr. Kelaart.
403. *C.* Adult male. E. Lindstedt Esq. *A.* Female. *B.* Young.
423. The specimen marked *B* should have been assigned to No. 424.
428. *H. I.* Others (large), from Mergui. Capt. Berdmore.
458. *C.* Young, from Tibet. Presented by Lt. James.
469. *B.* Adult, presented by Dr. Kelaart. Hab. Mountains of Ceylon. Young described, *J. A. S.* XVIII, 810; and adult figured in Gould's 'Birds of Asia.'
472. *C.* Young, nestling dress. Presented by the Curator.
474. *A.* Replaced by a finer specimen, from N. Carolina. Rev. F. Fitzgerald.
504. *C.* Replaced by a finer specimen. Presented by Lt. James.
524. *B.* Another. Presented by the Curator.
528. Described, *J. A. S.* XVIII, 810. *B.* Fine specimen, from Darjiling. Presented by the Curator.
537. *E.* Young, from Darjiling. Presented by do.
601. *B.* Another, from N. Carolina. Rev. F. Fitzgerald.
604. *B.* Male, winter dress. *C.* Female. N. Carolina. Rev. F. Fitzgerald.
608. *B. C.* Specimens from N. Carolina. Rev. F. Fitzgerald.
627. *B.* Presumed adult, from Newera Elia in Ceylon (described, *J. A. S.* XX, 178). Presented by Dr. Kelaart.
642. *F.* Albino. Calcutta. Presented by Mrs. E. Woodly.
685. *D.* Fine female. Presented by Lt. James.
792. *C.* Variety, with head concolorous with the back. Ceylon. Dr. Kelaart.
874. *L.* Sindh variety, from Wuzeerabad. Capt. Croker.
896. *B.* Male. Presented by the Curator.
945. *B.* Another. From N. Carolina. Rev. F. Fitzgerald.
963. *E.* Replaced by a finer specimen. Lt. James.
1024. *C.* Another male, from Darjiling. Presented by the Curator.
1037. *C.* Another, from N. Carolina. Rev. F. Fitzgerald.

1070. *B.* Another, from N. Carolina. Rev. F. Fitzgerald.
1073. *B.* Another (beak injured). Presented by the Curator.
1136. *C.* Male. Presented by do.
1142. *C.* Male, from Darjiling. Presented by do.
1165. *A.* Replaced by a better specimen. Presented by Lt. James.
1173. *B.* Another, from N. Carolina. Presented by the Rev. F. Fitzgerald.
1210. *C.* Another. Presented by the Curator.
1215, var. *C. (?). F.* Specimen from Ceylon. E. L. Layard, Esq.
1225. *M.* Fine parti coloured male. Presented by the Curator.
1262. *I.* Specimen from Wuzeerabad. Capt. Croker.
1323. *B.* Another. Presented by the Curator.
1311. *C.* Young. Presented by Lt. Abbott, H. M. 18th Regt.
1380. *B.* Specimen from Ceylon. E. L. Layard, Esq.
1402. *B.* Specimen from Ceylon. E. L. Layard, Esq. (*J. A. S.* XVIII, 816.)
1415. *C.* Variety from Ceylon mountains (described, *J. A. S.* XX, 179). Presented by Dr. Kelaart.
1451. *C.* White chicks. Presented by the Curator.
1461. *F.* Chick. *G.* Young male. Presented by Mr. Moxon.
1462. *S. T.* Crested Polish variety, male and female. Presented by the Curator.
1463. *C.* Male. *D.* Female, Presented by Dr. Kelaart. (Specimen *B.* is a pullet.)
1472. *F.* Chick. Presented by Lt. James.
1542. *A.* Replaced by a finer specimen, from Muttra. Rev. T. Phillips.
1578. *E. F.* Specimens from England. Presented by the Curator.
1559. *C.* Another, from the Sandheads. A. Bedford, Esq.
1601. *K.* Another. England. Presented by the Curator.
1627. *C.* Young, from Ceylon. Dr. Kelaart.
1649. *C.* Another. Presented by Lt. Abbott, H. M. 18th Regt.
1668. *B.* Another, from Ceylon. Dr. Kelaart. (*N. B.* Differs from the Gumsur specimen in having rufous margins to the wing-coverts, and in the same colour extending further down the nape.)
1684. *A.* Replaced by a better specimen. Presented by the Curator.
1689. *A.* Replaced by a finer specimen. *E. F. G.* Others. Mr. Moxon.
1698. *B.* Replaced by a finer specimen, from Ceylon. Presented by E. L. Layard, Esq.
1704. *A.* Do. Do. Do.
1735. *C.* Young, from Sandheads. Presented by Mr. Moxon.
1763. *A.* Old male. C. Fraser, Esq. (1844). *B. C.* Males. *D. E. F.* Females. Calcutta bazar.
1799. *D.* Female. N. Carolina. Rev. F. Fitzgerald.
1812. *E.* Specimen from England, exhibiting the first appearance of the ruff. Presented by the Curator.
1815. Ruffed specimen. England. Presented by Do.
1835. (p. 340.) *B.* Another. E. L. Layard, Esq.

ADDENDA TO APPENDIX, No. 3 (pp. 316, 341).

13. *Ps. sumatranus*, Raffles, is distinct, vide p. ii. *ante*.
20. Specimens *B.* and *E.* are young birds, not adult females (which nearly resemble the adult males).
53. *Psittacus N. Guineæ* and *Ps. ater* refer to a state of plumage induced by captivity, rather than to that characteristic of the young.
81. (Vide p. 317). Syn. *Aviceda sumatrensis*, Lafresnaye, *Rev. Zool.* &c., 1848, p. 210; and *Lepidogenys subcristata*, Gould, from Australia, apud Kaup.
90. C. æquipar. Syn. *Falco æquipar*, Cuv.
103. Syn. *Buteo melanotus*, Lesson; *B. polionotus (?)*, G. R. Gray.
104. Hab. Also mountains of Ceylon.
115. Hab. Also Ceylon.

Genus Buteogallus, p. 31. We followed Mr. Strickland in referring No. 128 to this division; M. Lafresnaye assigning it to his Urubitinga in *Rev. Zool.* &c., 1848, p. 241.

129. M. megalopterus: Syn. *Aquila megaloptera*, Meyer; *Ph. montanus*, d'Orb.
147. Syn.? *Scops rutilus*, Pucheran, *Rev. Zool.* &c., 1849, p. 29. The rufous variety, or *Sc. sunia*, Hodgson. Vide Malherbe, *Catal. Rais. d'Oiseaux de l'Algerie*, p. 8.
165. Syn. *Syrnium ocellatum*, Lesson, *Rev. Zool.* &c., 1839, p. 289.
171. This is now considered to be the true Str. javanica, de Wurmb.
172, and 171, *D*, (p. 341, the latter from Egypt,) are true Str. flammea, L.
173. This will now stand as Glaux candida, (Tickell).
177. Add, as a synonyme, *B. violaceus* apud Wagler. At least the true Indian species is common in the Ceylon jungles.
184. Hab. Also Arakan.
189. *C.* Erase the word male. The young of both sexes resemble the mature male.
205. Todirhamphus concretus: Syn. *Dacelo concreta*, Temminck (which name should therefore be cancelled in p. 336); *Halcyon varia*, Eyton.
217. This will bear the prior name A. beryllina, Vieillot.
228. Syn. *Alcemerops paleazureus*, Lesson, *Rev. Zool.* &c., 1840, p. 262.
231. Hab. Also Greece.
246. Syn. *P. Crawfurdii*, Gray. Erase the name *javensis*, which is stated to apply to a distinct species, the *P. Horsfieldi*, Wagler.
247. Syn. *P. Lichtensteini*, Wagler; *P. punctatus*, Lesson.
248. Probably *P. peralaimus*, Wagler, from Malacca, of Dr. Hartlaub's catalogue; this name applying properly to Chr. strictus, (Horsf.)
251. Picus rubescens, Vieillot, is a true species (vide Hartlaub, in Jardine's *Contr. Orn.*, 1848), but needs verification as an inhabitant of Ceylon. *P. erythronotus* is rightly referred as a synonyme.
269. Syn. *P. gularis*, Wagler, apud Malherbe.
277. Syn. *Phaiopicus Blythii*, Malherbe, *Rev. Zool.* &c., 1849, p. 534.
278. Syn. *Ph. Jerdonii*, Malherbe, *ibid.* p. 535.

282. Syn. *Picus Rivolii*, Boissoneau (nec Brisson), *Rev. Zool.* &c., 1840, p. 36.

291. Hab. Also Ceylon.

305. P maculatus, Scopoli (Sonnerat, *Voy. au N. Guinée*, t. 77). Syn. *P. minor*, var. B., Latham, &c. Hab. Philippines. Specimen doubtless from the dispersed Macao Museum.

323. M. mysticophanes: Syn. *Bucco mysticophanes*, Temminck; *B. quadricolor*, Eyton.

324. M. malaccensis: Syn. *Bucco malaccensis*, Hartlaub, (which name erase from p. 336), *Rev. Zool.* &c., 1842, p. 337; nec *B. armillaris*, Tem. (and therefore erase Java from habitat).

365. S. leucolophos: Syn. *Cuculus leucolophos*, Muller; *S. albivertex*, Blyth.

370. Syn. *Ferruginous-necked Cuckow*, Latham. *Cuculus melanogaster*, Vieillot, is referred by Dr. Hartlaub to the species since named *Melias corallirhynchos* by Lesson. Vide Jardine's *Contr. Orn.*, 1848.

376. Syn. *Pyaia erythrorhyncha*, Lesson.

385. C. sinensis (of which we have now examined a fine adult) is distinct from C. rufipennis (vide p. 321), but scarcely differs from No. 384, except that it is a little smaller, with the colour of the back a shade deeper, and the bill scarcely so large in proportion; though the last difference may be merely sexual. Length of wing 9 in., and of tail 11½ in.

391. Trogon mexicanus, Swainson.

397. This species will probably stand as H. condea, (Cuvier); the name *kasumba* referring rather to No. 400.

409. *F.* caprimulgus kelaarti, nobis (p. v, *ante*).

413. C. atripennis, Jerdon. C. mahrattensis is distinct. Vide Gould's 'Birds of Asia,' pl.

421. Hab. Also mountains of Ceylon.

430. Syn. *Dendrochelidon velatus*, Lesson, *Echo du Monde Savant*, 1844, p. 1190.

434. Syn. *Trochilus ensipennis*, Swainson.

442. Trochilus erythronotus, Lesson (*Ois. Mouch.*, pl. 16, p. 181), apud Strickland *in epistolâ*. Described in *Rev. Zool.* &c., 1839, p. 19.

460. This is rightly identified. A specimen from Canton is evidently a male, while that in the Society's collection would appear to be a female. The former has the wing 9 in., and tail 11½ in.; and is white above the tail (like the Magpie of Afghanistan), whereas the presumed female shews only a tendency there to that colour.

469. Syn. *Corvus pyrrhocyaneus*, Lichtenstein, *MS.*: *Cissa pyrrhocyanea*, Gould, 'Birds of Asia,' pl.

510. Syn. *Garrulax Feliciæ*, Lesson, *Rev. Zool.* &c., 1840, p. 164.

584. Young of No. 593.

589. Young of St. sinensis (vide p. 337). Identified by comparison with an adult female from Canton. N. B. The legs of this species are not yellow, as stated by M. Lesson, but evidently plumbeous.

590. This species ranges better, perhaps, in the next genus, CALORNIS.
591-2. C. CANTOR is the species inhabiting Mergui.
621. SYN.? *Fringilla majanoides*, Temminck, *P. C.* 500, f. 3.
638. HAB. Also Gurrukpur tarai, and Oudh.
639. For "Guérin," *read* Lafresnaye, *Rev. Zool.* &c., 1845, p. 93. SYN. *Lanius dubius*, Latham, as identified by Dr. Hartlaub, *Rev. Zool.* &c., 1847, p. 351.
642. SYN.? *Fringilla rutila*, Temminck, *P. C.* 588; from Japan.
647. HAB. Also the interior of Sikim.
659. CORPODACUS GRANDIS, Blyth, *J. A. S.* XVIII, 810.
685. SYN. *Coccothraustes fortirostris*, Lafresnaye, *Rev. Zool.* &c., 1840, p. 228,—the young male.
689. For "Lichtenstein," *read* Lafresnaye, *Rev. Zool.* &c., 1843, p. 291. SYN. *Pyrrhula leucomela*, Lesson, *Echo du Monde Savant*, 1844, p. 2341.
Genus CARDINALIS, p. 126. Substitute PAROARIA, Lesson.
705. This is E. PITHYORNIS, Pallas (Gould's *B. E.*, pl. 180). HAB. N. and W. Asia, rare in W. Europe.
714. ZONOTRICHIA MATUTINA: SYN. *Fringilla matutina*, Lichtenstein; *Pyrgita peruviana*, Lesson.
717. Erase the synonyme *E. cia* apud Jerdon, which evidently refers to a distinct species, most probably E. HUTTONI, Blyth, *J. A. S.* XVIII, 811.
725. HAB. Also Kasouli, where common in March.
736. *Alauda Kollyi*, Tem., according to Dr. Schlegel, is a variety of this species.
753. (App., p. 324). DENDRONANTHUS AGILIS is not the winter dress of D. TRIVIALIS.
746. SYN. *Plocealauda typica*, Hodgson.
755. SYN. *A. longipes*, Hollandre.
770. SYN.? *Motacilla lugens*, Tem. (?), of E. Asia, mentioned *Rev. Zool.* &c. 1845, p. 15. *N. B.* It is not satisfactorily determined that this is the Philippine *luzoniensis*. If not so, the name *alboides* holds precedence over *leucopsis*.
786. This species is closely affined to the MALACOCERCI, but distinct in form of bill.
800. This name, previously employed by Dr. Rüppell, is altered to DR. VALIDA, *J. A. S.* XX, 180.
804, 805. These are identical, and No. 803 is apparently but a large individual variety of the same, the oldest admissible name for which would be *longicaudata*, Tickell, provided the same species be referred to. No. 804 is the bird in worn and faded plumage.
807. This requires to be compared with DR. GRACILIS, Rüppell, *Atlas, Vogel*, t. 2, *b*. Vide *J. A. S.* XX, 180.
811. HAB. also Ceylon.
822. Described *J. A. S.* XX, 176.
823. SYN. *Motacilla dumeticola*, Tickell, *J. A. S.* II, 576.
824. TRICHIXOS PYRRHOPYGA, Lesson, *Rev. Zool.* &c., 1839, p. 167, 1845, p. 367. SYN. *Turdirostris superciliaris*, A. Hay.

840. *Napothera rubicunda*, Muller, *MS.?* Hab. Also Borneo.
842-3. "*Malacopteron majus*, Blyth, is certainly M. MAGNUM, Eyton; and *M. magnum*, Blyth, is labelled by Verreaux '*Napothera coronata*, Sumatra;' probably only a MS. name." Strickland.*
862. Inhabits also the N. W. Himalaya (Masuri, Kasouli, &c.)
865. Syn. *Thamnocataphus senilis*, Tickell, *MS.* (which name erase from p. 338.) Vide *J. A. S.* XVIII, p. 813.
870. Hab. Also Ceylon, and doubtless therefore S. India, together with No. 871.
892. X. TRICOLOR: Syn. *Muscicapa tricolor*, Hartlaub, *Rev. Zool.* &c., 1845, p. 406; *X. leucophrys*, Blyth, &c.
898. Syn. *Myiothera thamnophiloides*, Voight.
902. Syn. *Turdus brevicaudatus*, Vieillot. The species, however, is wrongly identified, it being the GRALLARIA RUFICAPILLA, Lafresnaye, *Rev. Zool.* &c., 1842, p. 333.
912. (Vide p. 326). This species will now stand as P. AFFINIS, Horsfield.
913. Syn. *Cinclus melanogaster*, Brehm, apud Schlegel.
915. Tr. HORNENSIS, Lesson, *Zool. de Thetis* (1834): Syn. *Tr. magellanicus*, Gould.
926. Hab. Also Tenasserim Provinces.
950. For "Sorel" *read* Soret.
961. Hab. Also China, in addition to No. 962.
963. Syn. *Petrocossyphus aurantiiventer*, Lesson, *Rev. Zool.* &c., 1840, p. 166.
966. Syn. *Cinnyricinclus melasoma*, Lesson, *Rev. Zool.* &c., 1840, p. 272.
967. Syn. *Micropus leucopterus*, Lesson, *Rev. Zool.* &c., 1840, p. 136.
Genus KITTACINCLA, p. 165. No. 1832 (p. 314). K. LUZONIENSIS: Syn. *Copsychus luzoniensis*, Kittlitz, figured in his 'Kupfertaflen,' from the island of Luzon. Specimen doubtless from the dispersed Macao Museum.
970. Syn. *Kittacincla melanoleuca*, Lesson, *Rev. Zool.* &c., 1840, p. 354.
974. Syn.? *Saxicola leucuroides*, Guérin, *Rev. Zool.* &c., 1843, p. 162.
982. Syn. *R. melanura*, Lesson, *Rev. Zool.* &c., 1840, p. 265.
983. According to Dr. Schlegel, *Sylvia erythrogastra*, Guldenstadt, is not *Motacilla aurorea*, Pallas: vide *Rev. Zool.* &c., 1845, p. 12. The latter is regarded by Dr. Hartlaub as the Himalayan *Ph. Reevesii*, Gray.
989. Syn. *R. simplex*, Lesson, *Rev. Zool.* &c., 1840, p. 265.
1019. C. TICKELLIÆ, Blyth (nec *Musc. elegans*, Temminck, which perhaps=1017.).
1020. C. MAGNIROSTRIS, Blyth, *J. A. S.* XVIII, 814.
1023. Syn. *Cyanecula fastuosa*, Lesson, *Rev. Zool.* &c., 1840, p. 226.
1034. Rare in Lower Bengal during the cold season.

* This naturalist has subsequently suggested that No. 843 be accordingly recognised as M. CORONATUM, (Temminck ?)

1045. Syn. *Fluvicola leucocephala*, Lesson, *Echo du Monde Savant*, 1844, p. 227; *Cinura torquata*, Brehm.

1046. Syn. *Sylvia nitida* et *S. pyrrhophrys*, Vieillot, apud Hartlaub, Jardine's *Contrib. Orn.*, 1848.

1066. This remarkable species constitutes the genus Lessonia of Swainson.

1083. Syn. *Salicaria saliceti*, Naumaun, apud Schlegel.

Genus Dasycephala of Swainson, p. 181. Substitute Agriornis, Gould.

1089, 1109. These are identical.

1132. Hab. Also the Abor mountains, and consequently Butan. *N. B.* The Indian *Certhiæ* and *Sittæ* have since been figured in Gould's 'Birds of Asia.'

1135. Syn.? *Petrodroma Bailloni*, Vieillot.

1142. Syn. *S. ferrugineoventris*, Gould, *P. Z. S.*

1143. Sitta himalayensis (nec *himalayana*), J. and S.: Syn. *S. vitticauda*, Jameson.

1151. Syn. *Pycnonotus carbonarius*, Lesson, *Rev. Zool.*, &c., 1841, p. 226.

1156. Syn. *Pycnonotus humeraloides*, Lesson, '*Echo du Monde Savant*;' *Saxicola orientalis*, Vieillot.

1158. Syn.? *Lanius xanthogaster*, Raffles, the female.

1161. Cancel the synonyme. A Javanese specimen differs only from No. 1159 in having a shorter and flatter bill.

1164. Hab. Also Java.

1179. Hab. Also Arakan, together with No. 1180.

1181. Hab. Also Sumatra.

1213. Probably *Drymonax niger*, Lesson, *Rev. Zool.*, &c., 1839, p. 167.

1217. Hab. Philippines (nec Burma).

1219. (App. p. 341). The Cinghalese small race is so constant to its characters that it may bear the distinctive name of D. minor. The Javanese race is perfectly similar to that of India.

1232. Syn. *Monarcha cæsia*, Lesson, *Rev. Zool.*, &c., 1843, p. 167, —the female.

1235. Syn. *Muscicapa melanopsis*, Vieillot, *Encycl.*, p. 826.

1258. "Criniger gularis from Java is distinct from Cr. rufocaudatus, (Eyton), from Malacca." (Strickland.) Specimen *B.* is probably true gularis, but has the abdominal region *yellowish* only.

1265. *Kushandra*, or *Kushantra*, of Panjab, where also found.

1266. Syn. *Ixos plumigerus*, Lafresnaye, *Rev. Zool.*, &c., 1840, p. 228.

1270. P. luteolus: Syn. *Hæmatornis luteolus*, Lesson, *Rev. Zool.*, &c., 1840, p. 354; *P. flavirictus*, Strickland, &c.

1271. Probably *Pycnonotus simplex*, Lesson, *Rev. Zool.*, &c., 1839, p. 167.

1276. P. atricapillus, (Vieillot), apud Lord A. Hay, *loc. cit.*, and *Madr. Journ.*, XIII, pt. 2, 160, is *Hæmatornis chrysorrhoides*, Lafresnaye, *Rev. Zool.*, &c., 1845, p. 367; being very different from

P. HÆMORRHOUS (No. 1262), with which Dr. Hartlaub supposed it identical in *Rev. Zool., &c., 1846*, p. 1.*

1279. SYN. *Turdus melanoleucos*, Gray: and referred to *Micropus* by Lesson, *Rev. Zool.*, &c., 1840, p. 136.

1283. This species is too small for SETORNIS CRINIGER, Lesson, *Rev. Zool.*, &c., 1839, p. 167, which is described as 7½ in. (Fr.) long: but otherwise it nearly corresponds. Perhaps it is the *Copsychus luteolus*, Lesson, *Rev. Zool.*, &c., 1840, p. 226.

1286. SYN. *Ph. icterocephalus*, Lesson, *Rev. Zool.*, &c., 1840, p. 164, but erroneously assigned to Sumatra and Borneo, in addition "le continent Indien." It is peculiar to the Peninsula of India and Ceylon.

1291. Is the female of I. LAFRESNAYEI, Hartlaub, *Rev. Zool.*, &c., 1840, p. 401, and *Mag. de Zool.* 1845, pl. 60; from Malacca.

1293. SYN. *Motacilla subviridis*, Tickell.

1302. O. CORONATUS (v. *hippocrepis*) of Java differs from O. INDICUS in having a narrower nape-mark, a shorter wing, and by the considerably reduced development of the yellow on the secondaries and tertiaries.

1331. (App. p. 327). SYN. *Dicæum chloronotus*, Vieillot.

1351. Erase the synonymes *Cinnyris Vigorsii* and *C. concolor*, Sykes, which refer to the two sexes of a distinct species peculiar to S. and W. India. Vide Gould's 'Birds of Asia.'

1371. SYN. *D. rubricapillum*, Lesson, apud Hartlaub.

1380. HAB. Also Ceylon.

1385. HAB. Also northern part of Ceylon.

1484. SYN. *Tetrao brachydactylus*, Tem., apud Schlegel

1499. FR. PHAYREI, nobis. The Chinese species is perfectly identical with that now so common in the Mauritius.

1562. SYN. *Charadrius Leschenaultii*, Lesson; *Ch. fuscus*, Cuv. *MS.*

1563. H. RUFICOLLIS: SYN. *Charadrius ruficollis*, Cuv.; *Ch. pyrrhothorax*, Tem.; *Ch. cirrhipodesmos*, Wagler; *Ch. sanguineus*, Lesson; *Ch. rufinellus*, Blyth. Rare in N. E. Europe.

1607. This would appear to be merely the young of No. 1606.

1627. Genus DROMAS (p. 276). This form is an extraordinary modification of the type of STERNINÆ, p. 290.

1638. The synonyme *A. nivea* must be transferred to No. 1639.

1649. Erase, as a synonyme, *Ardea australis*, Cuv.

1651. SYN. *Ardea australis* et *A. bilineata*, Cuv., apud Pucheran.

1653. SYN. *Ardea melanoptera*, Cuv. (*melanophis*, Cuv., apud Lesson, *melanotis*, Cuv., apud Gray).

1704. SYN.? *Sterna affinis*, Ruppell.

1786. FULIGULA CA"ENSIS. SYN. *Anas capensis*, Cuv. (vide Pucheran in *Rev. Zool.* &c., 1850, p. 54-59: *F. obscura*, Blyth, *J. A. S.*

* It is *Muscicapa atricapilla*, Vieillot (nec L.), which specific name will perhaps stand for this species, instead of for No. 1276; in which case the latter may rank as P. NIGRICAPILLUS, it being *Sylvia nigricapilla*, Drapiez.

XVIII, 821. Distinct from F. MARILOIDES, Richardson, (*F. affinis*, Eyton, and *F. minor*, Girard,) of N. America and rarely Europe, of which a female has since been presented, No. 1930.

1525. SYN. *Red-billed Partridge*, Latham.

1535. HAB. Also Greece.

1570. SYN. *Vanellus rufiventer*, Lesson (apud Hartlaub).

1586. HAB. Also Timor.

1610. SYN. *Sc. peregrina*, Brehm, *Sc. pygmæa* et *Sc. Lamotti*, Baillon, and *Sc. Brehmii*, Kaup, apud Schlegel.

1615. Visits W. Siberia. Vide *Rev. Zool.*, &c., 1846, p. 689.

1664. HAB. Africa, to Cape G. Hope.

1668. SYN. *G. euryzonoides*, Lesson, *Rev. Zool.*, &c., 1845, p. 368,

1675. HAB. Africa, to Cape G. Hope.

1676. This species, the *Fulica crassirostris*, Gray, *loc. cit.*, is now the type of Dr. Pucheran's genus PORPHYRIOPS, *Rev. Zool.*, &c., 1845, p. 278.

1695. HAB. Also Greece.

1730. Two species, according to Dr. Schlegel, are confounded under these synonymes. The Society's specimen is of the species figured in Yarrell's 'British Birds.'

1736. SYN. *Ph. flavirostris*, Brandt, vide *Rev. Zool.*, &c., 1840, p. 306.

1740. SYN. *P. minor*, auct., apud Schlegel.

1762. D. AWSUREE. SYN. *Mareca awsuree*, Sykes; *Anas caryophyllacea* apud Sundevall. Though probably found also in Java, the D. ARCUATA, (Horsf.), is distinct, and apparently identical with that figured from Australia by Mr. Gould.

1764. This species is a CASARCA.

1766 (Note). The Australian race is N. BICOLOR, Lesson.

1835 (p. 340). This species should rather have been placed in PELLORNIUM (p. 145); and the genus DUMETIA (p. 140) may with propriety be merged in PELLORNIUM.

1840 (p. 343). C. PYGARGUS, Tem., *p. c.* 460, *f.* 1.

ADDENDA TO APPENDIX, No. 4, (p. 329).

69. Egg, from England. Presented by W. Theobald, Esq., Jun.

94. Ditto, ditto, ditto.

252. Alter to 293.

446. Alter to 463.

449. 2 Eggs, from England. Presented by W. Theobald, Esq., Jun.

451. 16 ditto, selected and retained.

535. 2 ditto, from England. Presented by W. Theobald, Esq., Jun.

545. 1 ditto, ditto, ditto.

551. 3 more, ditto, ditto, ditto.

575. 5 ditto. Presented by R. W. G. Frith, Esq.

580. 4 ditto, from England. Presented by W. Theobald, Esq., Jun.

615. 3 ditto. Presented by the Curator.
616. 3 more, ditto, ditto.
641. 4 more, ditto. Presented by W. Theobald, Esq., Jun.
654. 3 more, ditto, ditto.
677. 4 ditto, ditto.
688. Alter to 703. Another ditto, ditto.
707. 1 ditto, ditto, ditto.
733? 1 ditto, ditto, ditto.
748. 3 ditto, ditto, ditto.
757. 5 more ditto, ditto, ditto.
803 (?) to 5 (vide p. xx), 7 ditto, 2 breeding nests and 2 roosting nests. Presented by the Curator.
879. 6 ditto. Presented by W. Theobald, Esq., Jun.
934. 2 ditto, ditto.
935. 4 ditto, ditto.
946. 5 ditto, ditto.
965. 1 ditto, ditto.
1004. 11 ditto, ditto.
1031. 2 ditto, ditto.
1082. 2 ditto, ditto.
1103. 1 ditto, ditto.
1118. 3 ditto, ditto.
1119. 6 more, ditto, ditto.
1125. 2 more, ditto, ditto.
1126. 5 more, ditto, ditto.
1206. 10 more, ditto, ditto.
1261. 2 more, ditto, ditto. Presented by the Curator.
1287. 2 ditto, ditto.
1413. 2 ditto. Presented by W. Theobald, Esq., Jun.
1417. 4 ditto. (Asiatic variety). Ditto.
1430. 3 more, ditto, ditto.
1435. 4 more, ditto, ditto.
1463. 1 ditto. Presented by the Curator.
1506. 2 more ditto. Presented by W. Theobald, Esq., Jun.
1508. 2 ditto, ditto.
1524. 6 more, ditto, ditto.
1557. 3 ditto, ditto.
1559. 1 ditto, ditto.
1582. 1 ditto, ditto.
1614. 4 ditto, ditto.
1615. 3 ditto. Presented by Babu Rajendra Mullika.
1657. 5 ditto (retained). Presented by W. Theobald, Esq., Jun.
1661. 1 ditto, ditto.
1669. 1 ditto, ditto.
1692? 1695. 1 ditto, ditto.
1766. 1 ditto. Presented by R. W. G. Frith, Esq.
1809. 1 ditto. Presented by W. Theobald, Esq., Jun.
1816. 10 more (Indian), ditto.

ADDENDA TO APPENDIX, No. 5 (p. 331).

137. Skeleton. Presented by Capt. W. S. Sherwill.
1605. Ditto. Presented by the Curator.
1689. Ditto. Presented by Mr. Moxon.
1744. Ditto. Ditto.
1812. Ditto. Presented by the Curator.

APPENDIX, No. 6 (p. 335.)

Of the desiderata mentioned in this Appendix, some have since been added to the Society's museum, as SYRNIUM SELOPUTO (bad), SIBIA GRACILIS, PTERUTHIUS MELANOTIS, YUHINA NIGRIMENTA, SPIZIXOS CANIFRONS, PYCNONOTUS PENICILLATUS ('Yellow-eared Bulbul?' Jerdon), CHŒTUSIA GREGARIA (bad), PODICA PERSONATA, and MERGELLUS ALBELLUS; others have proved to be synonymes of species in the museum, as *Dacelo concreta* (TODIRHAMPHUS CONCRETUS, No. 205), MEGALAIMA MALACCENSIS (324); STURNIA SINENSIS (589), and *Thamnocataphus senilis* (866). *Falco lanarius* apud Temminck and Gould (*F. cherrug*, Gray), is F. SACER, Schlegel: and to SCOPS SUPERCILIARIS (?), add SYN. *Ephialtes sagittata*, Cassin. DENDROCITTA RUFIGASTRA is from Sumatra; and SITTA CŒRULEA, Tem. (*Dendrophila flavipes*, Swainson), is from Java. The then undescribed SITTA and RUTICILLA noticed in p. 338, are respectively S. LEUCOPSIS, Gould, and R. ERYTHROGASTRA, (Guld.,—SYN. *Motacilla ceraunia*, Pallas, *R. grandis*, Gould, and *R. tricolor*, Gould, apud Bonap.) Lastly, the following names require to be added to the list of Indian and Malayan peninsula species not in the Museum.

*MACHAIRHAMPHUS ALCINUS, Schlegel. (PERNINÆ, p. 17.) Malayan peninsula.

*MICRASTUR SOLÖENSIS, (Horsf.); *Falco cuculoides*, Tem.; *Nisus minutus*, Lesson. Malay countries. "Ceylon and Coromandel" (Leschenault). Qu.?

*PICUS MITCHELLII, Malherbe. Himalaya. } *Rev. Zool.*, &c., 1849,
*P. CINEREIGULA, Malherbe. S. India. } pp. 530-1.

*YUNX INDICA, Gould, 'Birds of Asia,' pl. W. India.

*CAPRIMULGUS MAHRATTENSIS, Sykes, Gould's 'Birds of Asia,' pl. W. India.

*NUCIFRAGA MULTIMACULATA, Gould, 'Birds of Asia,' pl. N. W. Himalaya.

GARRULAX CINEREIFRONS, Kelaart, Blyth, *J. A. S.* XX, 176. Mountains of Ceylon.

G. (?) JERDONI, Blyth, *J. A. S.* XX, 522. Nilgiris?

*EMBERIZA CIA apud Jerdon, *Catal.* (which is probably EUSPIZA HUTTONI, Blyth, *J. A. S.* XVIII, 810). S. India.

*PYRGITA? CONCOLOR, Jerdon, *Catal.* S. India.

BRACHYPTERYX (?) PALLISERI, Kelaart, Blyth, *J. A. S.* XX, 178. Mountains of Ceylon.

MERULA KANDIANA, Kelaart, Blyth, *J. A. S.* XX, 177. Mountains of Ceylon.

* Species not seen by the Curator are marked with an asterisk.

*Petrocossypha castaneocollis, Lesson, *Rev. Zool.*, 1840, p. 166. Himalaya.

Pratincola atrata, Kelaart, Blyth, *J. A. S.* XX, 177. Mountains of Ceylon.

Cyornis æqualicauda, Blyth. *J. A. S.* XX, 523. Kemaon.

*Nectarinia Vigorsii: *Cinnyris Vigorsii* et *C. concolor*, Sykes (Gould's 'Birds of Asia,' pl.) S. India.

*Dicæum (an undescribed species from Ceylon, with scarlet hood and rump, black back, wings and tail, and white under-parts).

Grus leucogeranos, Pallas. Rare in Rajast'han. Bengal (Schlegel.)

FURTHER ADDENDA TO APP. No. 1 (p. iii, ante).

Genus Yuhina, p. 100.

1934. Y. nigrimenta, Hodgson, *J. A. S.* XIV, 562.

Hab. S. E. Himalaya.

A. B. Specimens from the vicinity of Darjiling. Presented by Capt. W. S. Sherwill.

Genus Cisticola, p. 145.

1935. C. erythrocephala, Jerdon, Blyth, *J. A. S.* XX, 523.

Hab. S. India; E. Bengal?

A. Specimen presented by T. C. Jerdon, Esq. *B.* Albinoid young (?), from vicinity of Dacca. Presented by Capt. R. Tytler, 38th B. N. I. (Qu. *n. s.* C. Tytleri, nobis).

Genus Ardea (Subgenus Herodias), p. 278.

1936. H. melanopus? (Gould's *B. A.*, vi. pl. 58.)

Syn. *Ardea melanopus (?)*, Wagler.

A. nigripes (?), Temminck.

H. immaculata, Gould.

Hab. Malay countries; Australia.

A. B. Specimens from Mergui. Presented by Capt. Berdmore, Madras Artillery.

Genus Podica, Lesson.

1937. P. personata, G. R. Gray *(Ill. Proc. Zool. Soc.*, pl.); *P. Z. S.* 1848, p.

Hab. Mergui; Malayan peninsula.

A. Specimen from Mergui. Presented by Capt. Berdmore.

FURTHER ADDENDA TO APP. No. 2 (p. xv, ante).

78. *T.* Specimen from Darjiling. Capt. Sherwill.

203. *B.* Replaced by a much finer specimen, from Darjiling. Presented by Ditto.

211. *B.* Another. Darjiling. Capt. Sherwill.

505. *F. G.* Male and female (particularly bright). Ditto. Ditto.

534. *A. B.* Replaced by much finer specimens. Ditto. Ditto.

543. *B.* Specimen from Darjiling. Do.

838. *C.* Specimen from Dacca. Capt. R. Tytler.

882. *C.* Replaced by a finer specimen. Darjiling. Capt. Sherwill.

904. *A.* Ditto. Ditto. Ditto.

906. *E. F.* Brilliant specimens from Darjiling. Presented by Do.

914. *D. E.* Adult and young. Ditto. Ditto.
931. *D.* Another. Ditto. Ditto.

FURTHER ADDENDA TO APP. No. 3 (p. xviii, ante).

17. African specimens are identical with Indian. (Strickland.)
82. Add *Buteo cristatus*, Vieillot.*
106. HAB. Also Mergui.
211. We now consider this to be the adult, and No. 212 to be the young, of ALCEDO EURYZONA, Temminck. Hab. Sikim; Asám; Malayan peninsula and archipelago.
226. The African species, referred to this by Dr. Rüppell, is considered distinct by Mr. Strickland, who terms it EU. AFER, (Latham).
326. This also is marked as African by Dr. Rüppell, but Mr. Strickland separates the African bird as M. LAMARCKI, Cuvier. Vide *Ann. Mag. N. H.*, 2nd series, IX, 344.
361. O. JACOBINUS: *Cuculus jacobinus*, Bodd.; *C. passerinus*, Vahl; &c. (Strickland).
405. Perhaps PODARGUS PARVULUS, Temminck.
626. HAB. Also Mergui.
685, 686. Genus MYCEROBAS, Bonap., apud Gould.
687. Genus HESPERIPHONA, Bonap., apud Gould.
966. From observation of a caged specimen, we are now convinced that the affinities of this genus are with TROGLODYTES, p. 158.
1265. PYCNONOTUS BARBATUS: *Turdus barbatus*, Desfontaines; *T. arsinoe*, Lichtenstein; *Ixos obscurus*, Tem.; *I. inornatus*, Fraser; *Hæmatornis lugubris*, Lesson. (Strickland).
1490. Cancel as a synonyme PTEROCLES QUADRICINCTUS, which name refers to a nearly affined African species. Vide Strickland, *loc. cit., supra.*
1546. Generic name altered to RHINOPTILUS, Strickland.
1760. An African species, and believed to be also S. American. Vide Strickland, *Ann. Mag. N. H.*, 2nd series, IX, 349.

The MS. incorporation of the substance of these Appendices into the body of the work, or at least references under the numbers of the species to the pages that contain the several addenda, is a task which I am obliged to leave to those who will possess copies of the catalogue, and one needful to be undertaken by whoever might wish to consult it with the requisite facility.

June 20th, 1852. E. BLYTH.

* The various synonymes of Indian Perns require, however, some further scrutiny. To judge from Dr. S. Muller's coloured figure, the Indian and ordinary Malayan seem to be identical: but we have recently received a much injured skin of a true Pern from Mergui, which is decidedly distinct. Closed wing 13 in. only; tail but 8¼in. Symphysis of the lower mandible conspicuously shorter than in P. CRISTATA. Corneous sheath of the upper mandible lost. Colour rich dark hair-brown above, with a fine gloss of maronne. Crest simple, broad, 2¼in. long, the feathers composing it white-tipped, as are also those adjacent. Lower parts white, with dark central streaks or tears on the breast and flanks: under tail-coverts broadly banded. Tail with a broad medial black band, another subterminal, and a third more narrow near the base; the rest brownish, and waved as usual in this genus. Colours more intense and finely contrasted than we have ever seen in P. CRISTATA or P. APIVORA. If new, P. BRACHYPTERUS, nobis.

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CATALOGUE OF THE BIRDS

IN THE

MUSEUM OF THE ASIATIC SOCIETY,

CALCUTTA.

Class AVES.

Order I. SCANSORES.

Fam. PSITTACIDÆ.

Subfam. CACATUINÆ. (Cockatoos).

Genus CALYPTORHYNCHUS, Vigors and Horsfield.

1. C. FUNEREUS (Gould's *B. A.* Vol. V, pl. 11.)
   SYN. *Psittacus funereus*, Shaw.
   Plyctolophus funeralis, Swainson.
   HAB. N. S. Wales.
   A. Specimen presented by the Sydney Institution (1846.)
   B. Do., purchased (1847).

Subgenus CALLOCEPHALON, Lesson.

2. C. GALEATUM (Gould's *B. A.* Vol. V, pl. 14.)
   SYN. *Psittacus galeatus*, Latham.
   Callocephalon australe, Lesson.
   HAB. S. Australia; Islands in Bass's Straits; V. D. Land.
   A. Male, presented by W. Cracroft, Esq. (1837).

Genus CACATUA, Brisson.

3. C. MOLUCCENSIS (Lear's *Psittacidæ*, pl. 2.)
   SYN. *Psittacus moluccensis.* Gmelin.
   Ps. rosaceus, Latham.
   Cacatua rubrocristata, Brisson.
   C. erythrolophus, Lesson.
   HAB. Moluccas.
   A. Male (wings expanded.) Presented by S. G. T. Heatly, Esq. (1845).
   B. Do. Presented by H. W. Torrens, Esq. (1842).
   C. Male, and *D.* Female. Purchased. (1844-6.)

3 (A). C. CRISTATA (Daubenton's *Pl. Enl.* 263).
   SYN. *Psittacus cristatus*, L.
   Cacatua leucolophos, Lesson.
   HAB. Philippines.
   A. Female. Presented by Babu Kajendra Mallika (1849).

4. C. GALERITA (Lear's *Psittacidæ*, pl. 3 ; Gould's *B. A.* Vol. V, pl. 1.)
   SYN. *Psittacus galeritus*, Latham.
   Cacatua chrysolophus, Lesson.
   HAB. (With local variation) N. Guinea, Australia, and V. D. Land.
   A. Specimen presented by the Sydney Institution (1845).

5. C. SULPHUREA (Lear's *Psittacidæ*, pl. 4).
   SYN. *Psittacus sulphureus*, Gmelin.
   Cacatua luteocristata, Brisson.
   HAB. Timor, &c.
   A. B. Males, purchased.

Subgenus LICMETIS, Wagler.

6. L. NASICUS (Gould's *B. A.* Vol. V, pl. 5.)
   SYN. *Psittacus nasicus*, Temminck.
   Ps. tenuirostris, Kuhl.
   Licmetis tenuirostris, Wagler.
   HAB. S. Australia.
   A. Specimen presented by the Sydney Institution (1847).

Subfam. PSITTACINÆ (Parrots.

Genus PSITTACUS, L. (as restricted.)

7. Ps. ERYTHACUS, L. (*Nat. Libr., Psittacidæ*, pl. 10).
   HAB. W. Africa.

   A. Specimen presented by Babu Rajendra Mallika (1848).

Subgenus CHRYSOTIS, Swainson.

8. CHR. AMAZONICUS (Daubenton's *Pl. Enl.* 130).
   SYN. *Psittacus amazonicus* et *Ps. æstivus*, Gmelin.
   Ps. poikilorhynchus, Aldrovand.
   Ps. aurora, L. } Varieties.
   Ps. paradisi, Gm. }
   Ps. collarius, ibid. (young?)
   HAB. Jamaica, St. Domingo, &c.
   A. Specimen purchased (1848).
   B. Do. Presented by Babu Rajendra Mallika (1848).

8(A). CHR. LEUCOCEPHALUS (Edwards, pl. 166.)
   SYN. *Psittacus leucocephalus*, Lin.
   HAB. Jamaica, St. Domingo, &c.
   A. Specimen purchased (1848).

Subgenus PIONUS, Wagler.

9. P. MENSTRUUS (Daubenton, *Pl. Enl.* 584).
SYN. *Psittacus menstruus*, Lin.
HAB. Guiana.
A. Specimen purchased (1844).

Genus CORACOPSIS, Wagler.

10. C. NIGRA (Edwards, pl. 5).
SYN. *Psittacus niger*, L.
HAB. Madagascar.
A. Specimen presented by Babu Rajendra Mallika (1848).

Subfam. ARINÆ (Maccaws.)

Section I.

Genus ARA, Brisson.

11. A. MACAO.
SYN. *Psittacus macao*, L.
HAB. Guiana, Brazil.
A. Specimen purchased (1848).

12. A. ARARAUNA (*Nat. Libr., Psittacidæ*, pl. 6; Daubenton's *Pl. Enl.* 36).
SYN. *Psittacus ararauna*, L.
HAB. Guiana, Surinam, &c.
A. Specimen purchased (1848).

Section II.

Genus TANYGNATHUS, Wagler.

13. T. MACRORHYNCHOS (Daubenton's *Pl. Enl.* 713).
SYN. *Psittacus macrorhynchos*, Gmelin (the male).
Ps. sumatranus, Raffles (the female).
Ps. pileatus, Scopoli } Young male?
Ps. marginatus, Gmelin }
Kiki, Sumatra (Raffles).
HAB. Sumatra? Celebes; N. Guinea.
A. Male. Purchased (1847).
B. Female. Presented by the Batavian Society (1845).

14. T. MALACCENSIS (Swainson's *Ill. Orn.*, 1st series, pl. 154).
SYN. *Psittacus malaccensis*, Latham (nec Gmelin).
Tana, Malayan.
HAB. Malayan peninsula; Sumatra.
A. Male. Presented by James Mackey, Esq. (1842), and described as *Psittinus malaccensis*, *J. A. S.* XI, 789.
B. C. Females. Presented by Mr. E. Lindstedt (1846).
D. E. Males. *F.* Female. Presented by R. W. G. Frith, Esq. (1846-7).

Genus AGAPORNIS, Selby.

15. A. CANA (Daubenton's *Pl. Enl.* 191, f. 2).
SYN. *Psittacus canus*, Shaw.
HAB. Madagascar; Mauritius.
A. Male. *B.* Female. From the Mauritius. Presented by Willis Earle, Esq. (1843).

Genus PALÆORNIS, Vigors.
Tota, Suga, Hind.: *Tiya*, Beng.: *Kyet-ta-rwé*, Arracan.

16. P. ALEXANDRI (Edwards, pl. 292; *Nat. Libr., Psittacidæ*, pl. 2.)
SYN. *Psittacus Alexandri*, L.
Ps. eupatria, L.
Psittaca ginginiana, Brisson. } The female.
Psittacus guinneensis, Scopoli (nec *guineensis*, Gmelin).
Ps. Sonneratii, Gmelin.
Palæornis nipalensis, Hodgson, *As. Res.* XIX, 177.
Chandana (*sandal-wood coloured*, alluding to the yellowish tinge of the under-parts and upper portion of the back), Beng.: *Karan suga* and *Kararia* of Nepal (Hodgson): *Rãee Totah (Royal Parrakeet)*, Hind. (Jerdon): *Kyai Phoungkha ?* Arracan.
HAB. Hilly regions of all India proper, from the sub-Himalayas to Ceylon inclusive: Assam; Sylhet; Arracan; Tenasserim.
A. B. Male. *C.* Female. *D.* Young male. Purchased (1842-6).

17. P. TORQUATUS (Daubenton's *Pl. Enl.* 551.)
SYN. *Psittaca torquata*, Brisson.
Psittacus Alexandri, var. *B.*, Latham.*
Ps. cubicularis, Hasselquist.
Ps. docilis, Vieillot.
Var. *Sulphur Parrakeet*, Shaw.
Tiya, or *Teeah* (imitative of voice), Hind.: *Tent'hia suga*, Nepal (Hodgson): *Lybar Totah*, S. India (Jerdon): *Kyai-gyot*, Arracan.
HAB. Plains of India: Arracan, Tenasserim, and Malayan peninsula to the latitude of Penang. W. Africa (apud Swainson): smaller variety.
A. Male. *B.* Female. *C.* Young male. From the neighbourhood of Calcutta (1842-3).

18. P. BITORQUATUS (?)
SYN. *Psittacus bitorquatus* (?), Kuhl.
Ps. torquatus, var. *B.* (?), Latham (2nd. edit.)
Psittaca borbonica torquata (?), Brisson.
'Ring Parrakeet' of the Mauritius.
HAB. Mauritius. According to Latham, *P. bitorquatus* (*i. e.* his *Ps. torquatus*, var. *B.*,) "inhabits the Isle of Bourbon, and other parts of the same latitude both in Africa and Asia." The last named habitat is extremely doubtful
A. Female. From the Mauritius. Presented by Willis Earle, Esq. (1843).

* Except that there is no patch of crimson on the wing-coverts of *P. torquatus*.

19. P. COLUMBOIDES, Vigors, (Jerdon's *Ill. Ind. Zool.* pl. 18; and figured also in *Madr. Journ.* XI, 209).

SYN. *Psittacus melanorhynchus*, Sykes, *P. Z. S.* 1832, p. 96. (The female).

Muddun Gowr Totah, Hind. (Jerdon).

HAB. Nilgiris; Malabar.

A. Male. Presented by Lord Arthur Hay, (1845).

B. Male. *C.* Female. Presented by T. C. Jerdon, Esq. (1842).

20. P. SCHISTICEPS, Hodgson, *As. Res.* XIX, 178.

SYN. *Conurus himalayanus (?)*, Lesson, in Belanger's *Voyage.*

Madhana suga*, Nepal (Hodgson).

HAB. Sub-Himalayan region, exclusively.

A. Male. *B.* Female. From Darjeeling. Presented by Mr. G. Webb, (1844).

C. D. Males. From Simla or Masuri. Presented by Capt. J. N. Thomas, 39th N. I. (1845).

E. Female (in bad order). Nepal. Presented by B. H. Hodgson, Esq. (1843).

21. P. CYANOCEPHALUS, (Edwards, pl. 233; Daubenton's *Pl. Enl.* 264).

SYN. *Psittacus cyanocephalus*, L.
Ps. flavitorquis, Shaw.
Ps. annulatus, Kuhl.
Palæornis flavicollaris, Franklin. } The female.
Psittaca bengalensis, Brisson.
Psittacus erythrocephalus, Gmelin.
Ps. ginginianus, Latham.
Ps. rhodocephalus, Shaw.
Var. Ps. narcissus, Latham (with coloured figure).

Faridi, and *Fariadi* (Plaintive), Bengal. *Tui suga* (the first or specific name imitative of cry), Nepal (Hodgson). *Tooeeah Totah*, S. India (Jerdon). *Totá bangáli*, Punjáb. *Kyai-ta-ma*, Arracan.

HAB. Hilly regions of all India proper,† Assam, Sylhet, Arracan, Tenasserim.

A. B. Males. *C.* Female. *D.* Young male. *E.* Young female. Procured in the Súndarbans (1843-6).

22. P. MALACCENSIS (Daubenton's *Pl. Enl.* 887; Levaillant, pl. 72; *Nat. Libr. Psittacidæ.* pl. 3).

SYN. *Psittacus malaccensis*, Gmelin (nec Latham).
Ps. erubescens, Shaw.
Ps. ginginianus, var. *C.*, Latham.

* The same name, slightly modified, which is applied to *P. barbatus*, and in S. India to *P. columboides.*

† It occurs also in open jungle, in the Bengal Súndarbans. To the westward, leaving the alluvial soil, it seems entirely to take the place of *P. torquatus*, which abounds throughout the delta.

Ps. barbatulatus, Bechstein.
Barong Bayan, Sumatra (Raffles).
HAB. Malacca; Sumatra.
A. Male. Presented by Jas. Mackey, Esq. (1842).
B. C. Males. Obtained fresh (1843-5).

23. P. ERYTHROGENYS, Blyth.*
HAB. Nicobar Islands.
A. Male. Presented (fresh) by Mr. Halfhyde, and described *J. A. S.* XV, 368 (1846).
B. Female? Presented by Capt. Lewis (1846).

24. P. CANICEPS, Blyth.†
HAB. Nicobar Islands; Malayan Peninsula (latitude of Penang).
A. Male (tail wanting). Presented by Capt. Lewis (1846).

25. P. BARBATUS, (Swainson's *Ill. Orn.*, 2nd series, pl. 16; Daubenton's *Pl. Enl.* 517).
SYN. *Psittacus barbatus*, *Ps. pondicerianus*,‡ et *Ps. borneus*, Gmelin.
Ps. bimaculatus, Sparrman.
Ps. javanicus, Osbeck.
Ps. Osbeckii, Latham.
Palæornis nigrirostris, Hodgson (the female).§
P. modestus, Fraser, *P. Z. S.* 1845, p. 16 (young female).
Madná (charming, pleasing, the red-billed bird: *Kajlá* (as having the black pigment, *kájal*, applied to the eyebrows; alluding to the black loral line),—the black-billed: Hind. *Imrit Bhela*, Nepal (Hodgson). *Bettet*, Javanese.
HAB. Hilly parts of Bengal, Nepal, Assam, Sylhet, Arracan, Tenaserim, Malayan peninsula (to latitude of Penang), Sumatra, Java, and Borneo.
A. Male (very fine, tail 10 in.). From Arracan (Ramree). Capt. J. R. Abbott, 51st N. I. (1844).
B. Male, (very bright.) Arracan. Capt. Abbott (1844).
C. Female (ditto, black-billed). Purchased (1846).
D. E. F. Females, different ages. Bill black, and changing to red.
G. Young male, green-breasted, with red bill.—*H.* Young female (the *P. modestus*, Fraser). Purchased (1846).

* *J. A. S.* XV, 23, 51, 368. † *J. A. S.* XV, 23, 51.
‡ It is extremely doubtful as an inhabitant of the Pondicherry coast, or any other part of peninsular India.
§ In a presumed female observed in captivity, the upper mandible changed from black to coral-red when the bird was about 18 months old.

Genus POLYTELIS, Wagler.

26. P. BARRABANDI (Gould's *B. A.* Vol. V, pl. 15).
SYN. *Psittacus Barrabandi*, Swainson, *Zool. Ill.* 1st series, pl. 59.
Palæornis rosaceus, Vigors (in Lear's *Psittacidæ*,—the female).
HAB. N. S. Wales.
A. Male. Presented by the Sydney Institution (1846).

Subfam. PLATYCERCINÆ (Ground-Parrakeets).

Genus APROSMICTUS, Gould.

27. A. SCAPULATUS, (Gould's *B. A.*, Vol. V, pl. 17); Swainson's *Zool. Ill.*, 2nd series, pl. 26.
SYN. *Psittacus scapulatus*, Bechstein.
Ps. tabuensis, var. *B.*, Latham, *Ind. Orn.*
Ps. cyanopygius, Vieillot.
Platycercus scapularis, Swainson.
HAB. N. S. Wales.
A. Male. *B.* Female. Presented by the Sydney Institution (1845).
C. Male. Purchased. *D.* Female. Purchased (fresh).

28. A. ERYTHROPTERUS, (Gould's *B. A.* Vol. V, pl. 18.)
SYN. *Psittacus erythropterus*, Gmelin.
Ps. melanotus, Shaw.
HAB. E. and S. Australia; Timor; N. Guinea.
A. Female. Presented by Babu Rajendra Mallika (1848).

Genus PLATYCERCUS, Vigors.

29. PL. PENNANTII, (Gould's *B. A.* Vol. V, pl. 23).
SYN. *Psittacus Pennantii*, Latham.
Ps. elegans, Gmelin.
Ps. gloriosus et *Ps. splendidus*, Shaw.
HAB. N. S. Wales,
A. Male. *B.* Female. Presented by the Sydney Institution (1845).
C. Male. *D.* Young male. Purchased.

30. PL. EXIMIUS, (Gould's *B. A.* Vol. V, pl. 27).
SYN. *Psittacus eximius* et *Ps. capitatus*, Shaw.
HAB. N. S. Wales, and V. D. Land.
A. Male. *B. C.* Females. Many examples of this species have been presented by Mr. Cracroft, Lord A. Hay, Mr. Benson, and others.

31. Pl. flaveolus (Gould's *B. A.* Vol. V, pl. 25.)
Hab. N. S. Wales.
A. Specimen presented by the Sydney Institution (1845).

32. Pl. flaviventris, (Gould's *B. A.* Vol. V, pl. 24.)
Syn. *Psittacus flaviventris*, Temminck.
Ps. Brownii, Kuhl.
Ps. caledonicus? Latham.
Hab. V. D. Land; Islands in Bass's Straits.
A. B. Two specimens (now in bad order). Presented by Mr. Cracroft.

33. Pl. semitorquatus, Quoy and Gaymard (Gould's *B. A.* Vol. V, pl. 19.)
Hab. W. Australia.
A. Specimen presented by Babu Rajendra Mallika (1848).

34. Pl. barnardi, Vigors (Gould's *B. A.* Vol. V, pl. 21.)
Hab. S. E. interior of Australia.
A. Specimen presented by the Sydney Institution (1845).
B. Another; Mr. Benson (1846).

35. Pl. pacificus *(Zool. Journ.* I. *t.* 1, *Supp.)*
Syn. *Psittacus pacificus*, Latham.
Hab. Tahiti, and other Pacific Islands.
A. Specimen presented by Mr. Cracroft (1837).
B. Do., purchased (1847).

Subgenus PSEPHOTUS, Gould.

36. Ps. pulcherrimus, Gould, (*B. A.* Vol. V, pl. 34.)
Hab. N. S. Wales.
A. Specimen presented by the Sydney Institutiou (1845).

37. Ps. hæmatonotus, Gould, *(B. A.* Vol. V, pl. 36).
Hab. S. E. interior of Australia.
A. Specimen presented by the Sydney Institution (1845).

Subgenus EUPHEMA, Wagler.

38. Eu. pulchella, (Gould's *B. A.* Vol. V, pl. 41).
Syn. *Psittacus pulchellus*, Shaw.
Ps. chrysogaster, Latham.
Ps. Edwardsii, Bechstein.
Lathamus azureus, Lesson.
Hab. N. S. Wales.
A. B. Specimens (not good). Presented by Mr. Cracroft (1837).

39. Eu. chrysostoma, *(B. A.* Vol. V, pl. 37).
Syn. *Psittacus chrysostomus*, Kuhl.
Ps. venustus, Temminck.
Hab. V. D. Land.
A. Specimen presented by Mr. Cracroft (1837).

HAB. Interior of Australia.
A. Male. Presented by Raja Badyanáth Ráya (1848).

Genus MELOPSITTACUS, Gould.

41. M. UNDULATUS (Gould's *B. A.* V, 44).
SYN. *Psittacus undulatus*, Shaw.
HAB. S. Australia.
A. Specimen purchased (fresh, 1848).
B. Do. presented by the Sydney Institution (1845).
C. Do. presented by Lt. Stevens (1844).

Genus PEZOPORUS, Illiger.

42. P. FORMOSUS (Gould's *B. A.* V, 46).
SYN. *Psittacus formosus*, Latham.
Ps. terrestris, Shaw.
Pezoporus rufifrons, Bourj. de St. Hil., *Supp.* to Levaillant's *Hist. Nat. des Perruches*, pl. 9).
HAB. S. Australia; V. D. Land.
A. Specimen presented by W. Cracroft, Esq. (1837).
B. Do. purchased (1846).

Sub-fam. LORIINÆ (Lories).

Section I.

(With the tongue not filamented).

Genus ECLECTUS, Wagler.

43. E. POLYCHLOROS (Edwards, pl. 231; Daubenton's *Pl. Enl.* 514).
SYN. *Psittacus polychloros*, Scopoli.
Ps. magnus et *Ps. sinensis*, Gmelin.
Ps. viridis, Latham.
Ps. lateralis, Shaw.
Muscarinus prasinus, Lesson.
Hirá-mohan ('prized favorite'), Hind.
HAB. Moluccas.
A. B. C. D. Specimens purchased (dead, 1842—7).

44. E. GRANDIS (Brown, *Ill. Zool.* pl. 6; Daubenton's *Pl. Enl.* 683).
SYN. *Psittacus ceylonensis*, Boddaërt.
Ps. grandis et *Ps. janthinus*, Gmelin.
Ps. guebiensis, var., Latham.
Lál-mohan ('red favorite'), Hind.
HAB. Moluccas.
A. Male, purchased (1843).
B. Female, dull-coloured, purchased (1843).
C. Female, very abnormally coloured. Purchased (1847).

Genus LORICULUS, Blyth.

45. L. PUMILUS (Edwards, pl. 293, f. 2).
SYN. *Psittacus pumilus*, Scopoli.
Ps. galgulus, Shaw.

Seren-dak, Sindada, Malayan: *Serindit,* Sum.
HAB. Malayan peninsula, where very common: also Sumatra.
A. B. Males. *C.* Female. Presented by E. Lindstedt, Esq. (1846).

46. L. VERNALIS (Swainson's *Zool. Ill.*, 2nd series, pl. I; and figured as identical with the preceding species, apud Wagler, in *Nat. Libr., Psittacidæ,* pl. 24.)
SYN. *Psittacus vernalis,* Sparrman.
Latkan, ('pendent'), Hind: *Kyai-tha-da,* Arracan: *Silindit,* and *Silinditum,* Jav.
HAB. Hilly parts of India, from the sub-Himalayan region to S. India, also Assam, Sylhet, Arracan, Tenasserim, Java: in the Malayan peninsula it appears to be completely replaced by *L. pumilus;* and in the Philippines and also in Ceylon by the next species.
A. B. Specimens from Rajmáhl? Purchased, dead (1843).
C. Do. from Java. Presented by the Batavian Society (1845).

46 (A). L. PHILIPPENSIS? (Edwards, pl. 6; Lear's *Psittacidæ,* pl. 41?)
SYN. *Psittacus philippensis?* Brisson.
Ps. asiaticus, Latham.
Ps. indicus, Gmelin.
Psittacula rubrifrons? Vigors, *P. Z. S.* 1831, p. 97.
HAB. Philippines (?); Ceylon.
A. Specimen from Ceylon, E. L. Layard, Esq. (1848).

Section II.

(With filamented tongue.)

Genus LORIUS, Brisson.

47. L. PHILIPPENSIS, Brisson (Edwards pl. 170; *Pl. Enl.* 168).
SYN. *Psittacus lory,* L.
L. tricolor, Stephens.
HAB. Moluccas; Philippines?
A. Specimen purchased (dead, 1844).
B. Ditto ditto (1848).

48. L. DOMICELLA (Edwards, pl. 171; *Pl. Enl.* 168; *Nat. Libr., Psittacidæ,* pl. 18).
SYN. *Psittacus domicella,* L.
Ps. raja, Shaw.
Ps. rex, Bechstein.
Ps. radhea, Vieillot.
HAB. Moluccas.
A. Specimen purchased (dead, 1841).

49. L. GARRULUS (Edwards, pl. 172; *Pl. Enl.* 216; Swainson's *Zool. Ill.* 2nd series, I, pl. 12).
SYN. *Psittacus garrulus* et *Ps. aurora,* L.
Ps. moluccensis, Brisson.

HAB. Moluccas.
A. Specimen presented by the Batavian Society (1845).
B. Another, purchased (dead, 1848).

Subgenus EOS, Wagler.

50. E. RUBRA (Edwards, pl. 173).
SYN. *Psittacus ruber*, Gmelin.
Ps. borneus, Latham.
Ps. cæruleatus, Shaw.
Ps. cyanonotus, Vieillot.
HAB. Borneo, Celebes, &c.
A. B. Specimens purchased (dead, 1843-6).

51. E. CYANOSTRIATA, G. R. Gray (*Ill. Genera of Birds*, pl. 103).
SYN. *Lorius borneus*, Lesson.
Blue-necked Lory, Latham.
HAB. Borneo, Celebes, &c.
A. Specimen purchased (dead, 1843).

52. E. ORNATA (Edwards, pl. 174; *Pl. Enl.* 552).
SYN. *Psittacus ornatus*, Gmelin.
Bangnú, and *Bandhnú*, Hind. (Names referring to a mode of dying silk, whence *bandhana* handkerchiefs, &c.)
HAB. Eastern Archipelago (Malayan peninsula apud Raffles, but this very doubtful).
A. B. Specimens purchased (dead, 1842-4.)
C. Another, received from Barrackpore Park (1848).
D. Another. Mrs. Thompson (1846).

53. E. NOVÆ GUINEÆ.
SYN. *Psittacus novæ guineæ*, Latham, } The young.
Ps. ater, Scopoli. }
Ps. batavensis, Latham,—the adult.
HAB. N. Guinea.
A. Adult (in bad state of plumage). Presented by Babu Rajendra Mallika (1848).

Genus TRICHOGLOSSUS, Vigors and Horsfield.

54. TR. HÆMATODES (J. and S., *Ill. Orn.*, 1st series, pl. 111; *Pl. Enl.* 61).
SYN. *Psittacus hæmatodes*, L.
Psittaca amboinensis varia, Brisson.
HAB. Moluccas; Amboyna. (N. B. We have seen several individuals devoid of the dusky marginings to the pectoral feathers, described as characteristic of this species).
A. Specimen purchased (dead, 1842).

55. TR. NOVÆ HOLLANDIÆ (Gould's *B. A.*, V, 48.; Jard. and Selby, *Ill. Orn.* pl. 112; Swainson's *Zool. Ill.* 2nd series, pl. 92; *Nat. Libr., Psittacidæ*, pl. 20).

SYN. *Psittacus novæ hollandiæ*, Latham.
Ps. cyanogaster, Shaw.
Trichoglossus hæmatodus apud V. & H., *Lin. Tr.* XV, 289.
Tr. Swainsonii, Jardine and Selby.
Tr. multicolor, Wagler.
HAB. S. E. Australia.
A. B. C. Specimens presented by Mr. Benson (1847).
D. Do. presented by W. Cracroft, Esq. (1837).
E. Cage variety? Presented by Babu Rajendra Mallika (1848).*

56. TR. CHLOROLEPIDOTUS (Gould's *B. A.*, V, 50.; *J.* and *S. Ill. Orn.* 1st series, pl. 110).
SYN. *Psittacus chlorolepidotus*, Kuhl.
Trichoglossus Matoni, Vig. and Horsf.
HAB. N. S. Wales.
A. B. Specimens presented by the Sydney Institution (1845).
C. Do. presented by Mr. Benson (1846).

57. TR. PORPHYROCEPHALUS (Gould's *B. A.*, V, 53).
SYN. *Psittacus purpureus*, Deitreischen.
Psittacula Florentis, Bourj. de St. Hilaire.
HAB. S. and W. Australia.
A. Specimen received from the Sydney Institution (1845).

58. TR. AUSTRALIS (Gould's *B. A.*, V, 52).
SYN. *Psittacus australis*, Latham.
Ps. concinnus, Shaw.
Ps. rubrifrons, Bechstein.
Ps. velatus, Vieillot.
HAB. N. S. Wales, S. Australia, and V. D. Land.
A. B. Specimens presented by Mr. Benson (1846).

59. TR. PUSILLUS (Gould's *B. A.*, V, 54).
SYN. *Psittacus pusillus*, Latham.
HAB. N. S. Wales, S. Australia, and V. D. Land.
A. B. Specimens presented by Mr. Benson (1846).
C. Do. W. Cracroft, Esq. (1837).

Genus LATHAMUS, Lesson.

60. L. DISCOLOR (Gould's *B. A.*, V, 41.; Swainson's *Zool. Ill.*, 1st series, pl. 62).
SYN. *Psittacus discolor*, Shaw.
Ps. humeralis et *Ps. australis*, Kuhl.
Ps. banksianus, Vieillot.
Lathamus rubrifrons, Lesson.

* This variety has the breast and beneath the wings yellow, almost wholly unmixed with red; and the abdomen and the crown green, passing to blue on the forehead and cheeks. We have seen several others like it.

HAB. S. Australia, and V. D. Land.
A. B. Specimens presented by W. Cracroft, Esq. (1837).

Genus CORIPHILUS, Wagler.

60(A). C. NOTATUS *(Pl. Enl.* 455, f. 2).
SYN. *Psittacus notatus,* Boddaert.
Ps. taitianus, Gmelin.
Ps. sapphirinus, Forster.
Ps. porphyrio, Shaw.
Lorius vini, Lesson.
HAB. Society Islands.
A. Specimen from Eimeo. Presented by M. Ch. Fabre Tonnerre. (1849).

Order II. RAPTORES.

Tribe DIURNÆ.

Fam. FALCONIDÆ.

Subfam. FALCONINÆ.

Genus FALCO, Lin.

61. F. GYRFALCO, L. (*Pl. Enl.* 210: Gould's *B. E.* pl.).
SYN. *F. islandicus,* Brunnich.
F. candicans, Gmelin.
F. grœnlandicus, Hancock.
Shangar, Hind.
HAB. Northern regions.
A. Young male. *B.* Young female (with tail now injured.) Mr. Bartlett (1844).

62. F. JUGGUR, Gray, (Hardw. *Ill. Ind. Zool.*)
SYN. *F. luggur,* Jerdon.
Juggur Falcon, and probably also *Justin Falcon,* Latham.
Jhaggar, male; *Laggar,* female; *Hind.: Luggadoo* (Jerdon), Telegu.
HAB. India generally. Common along the banks of the Ganges above the tideway; rare and accidental in Lower Bengal within the reach of the tides.
A. Old male. Presented by Capt. McDonald, 66th N. I. (1844).
B. C. Adult females. From Allahabad. L. C. Stewart, Esq. (1845).
D. Younger female. Lower Bengal. Purchased (1848).
E. Young female. From S. India. T. C. Jerdon, Esq. (1842).

63. F. PEREGRINUS, L. (*Pl. Enl.* 421, 430, 469, 470).
SYN. *F. barbarus,* L.
F. communis, Brisson.

F. hornoticus et *F. ater*, Gmelin.
F. lunulatus, Daudin.
F. abietinus, Bechstein.
F. calidus, Latham.
F. anatum, Bonap.

Bauri, H. (female): *Bauri Batcha* (male), H.: *Raja Wali*, Malay: *Sikap Lang*, Sum.: *Laki Angin* of the Passummahs.

HAB. Northern hemisphere chiefly: common in India, many adults remaining in Lower Bengal during the cold season, and especially frequenting the vicinity of jheels, to prey on the water-fowl which resort to them; hence they are tolerably numerous in the Sundarbans.

A. B. Adult males: *C.* Adult female. From the vicinity of Calcutta (1843-7).

D. Adult female (in bad order). From Nepal. Presented by B. H. Hodgson, Esq. (1842).

E. Young male (not good). *F. G.* Two young females. From S. India. Presented by T. C. Jerdon, Esq. (1844).

64. F. MELANOGENYS, Kaup (Gould's *B. A.* Vol. 1, pl. 8.)

SYN. *F. macropus*, Swainson.

HAB. Australia.

A. Young male. Presented by Mr. Benson (1846).

65. F. PEREGRINATOR, Sundevall (Jerdon's *Ill. Ind. Zool.* pl. 12, 28.)

SYN. *F. shahin*, Jerdon.
F. sultaneus, Hodgson.
F. ruber indicus, Aldrovand.

Shâhin ('royal'), female; *Kŏelá* ('charcoal'), male: H.

HAB. India generally; chiefly the hilly parts: much more rare in Lower Bengal than *F. peregrinus*.

A. Female, middle-aged. From the vicinity of Calcutta (1846).

B. Another, younger. From S. India. Presented by T. C. Jerdon, Esq. (1842).

C. D. Two specimens (imperfect). From Nepal. B. H. Hodgson, Esq. (1842).

66. F. CHICQUERA, Shaw (Lcv. *Ois. d'Afr.*, t 30; Gould's *Century*, pl. 2).

SYN. *F. ruficollis*, Swainson.
F. cirrhatus, var., and
Fasciated Falcon, Latham.
Probably *F. biarmicus* apud Vigne, *P. Z S.* 1841, p. 6.
Tarmati, (*Turumtee*, Jerdon; *Toomtra*, Burnes); female; *Chetwa* or *Chetoya*, male: H.

HAB. Asia and Africa; very rare in the S. of Europe: common in India.

A. Adult male. *B.* Adult female. *C.* Young male. *D.* Young female. From the vicinity of Calcutta (1842-6).

Subgenus HYPOTRIORCHIS, Boie.

67. H. SEVERUS (*Pl. Col.* 128).

SYN. *Falco severus*, Horsfield.
F. Aldrovandi, Reinwardt.
F. guttatus, G. R. Gray.
F. rufipedoides, Hodgson.
Jhuter (quære *Jútá*, 'there goes?'), H.: *Allap Allap Gingeng*, Jav.

HAB. Himalaya, Java, Philippines: visiting the plains of Lower Bengal in the cold season, where somewhat rare.

A. Specimen from Almorah. Presented by Capt. McDonald (1845).
B. Another, shot in the Calcutta Botanic Garden (1846).
C. A third, taken in the neighbourhood of Calcutta (1848).

68. H. SUBBUTEO.

SYN. *Falco subbuteo*, L.
F. barletta, Daudin.
F. pinetarius, Shaw?
Karjanna, H.: *Surkhpushtak* ('rufous-vent'), of Kabul (Burnes).

HAB. Europe, Asia, and Africa: visits Lower Bengal in the cold season, where far from common.

A. Adult male. Shot near Calcutta (1842).
B. Female. From S. India, T. C. Jerdon, Esq. (1842).

Subgenus TINNUNCULUS, Vieillot.

69. T. ALAUDARIUS.

SYN. *Falco alaudarius*, Brisson.
F. tinnunculus, Linnæus.
F. interstinctus, McClelland.
F. fasciatus, Retzius.
F. brunneus, Bechstein.
Khurmutia, *Kurrowtia*, *Karontea*, and *Narzi-narzának* ('tête á tête'), H.: *Nardunak*, Sinde: (Burnes): *Gyo-thin*, Arracan: *Allap Allap Sapi*, Jav. (Horsf.)

HAB. Europe and Asia: very common in Lower Bengal, where frequently seem in parties of 20 or 30 individuals, beating over the cultivated lands.

A. Adult male. *B.* Adult female. *C.* Young male. From England. Presented by Mr. Davison of Alnwick (1846).
D. E. F. G. H. Series of five specimens from the vicinity of Calcutta (1841-6).
I. Female, from Ye (Tenasserim). Presented by the Rev. J. Barbe. (*N. B.* The last is perhaps the female of a distinct race, and is remarkable for the great development of the black markings of its plumage.)

70. T. RUPICOLUS (Lev. *Ois. d'Afr.* t. 55).

SYN. *Falco rupicolus*, Daudin.

HAB. Africa.
A. B. Males. From S. Africa. Presented by Lord A. Hay (1846).

71. T. CENCHROIDES (Gould's *B. A.* Vol. I, pl. 13).
SYN. *Falco cenchroides*, Vigors and Horsfield.
Cerchneis immaculatus, Brehm.
HAB. Australia.
A. Male, from the Sydney Institution (1846).

72. T. CENCHRIS (Gould's *B. E.* pl.).
SYN. *Falco cenchris*, Naumann.
F. tinnunculoides and *F. xanthonyx*, Natterer.
F. tinnuncularius, Vieillot.
F. Naumannii, Fischer.
HAB. The warmer parts of Europe and Asia; also N. Africa.
A. Adult male. *B.* Semi-adult male. *C.* Young male. *E.* Do. *F.* Young female. From the vicinity of Calcutta (1841-8).
G. Adult female, from Algiers. Presented by M. Malherbe (1848). *H.* Specimen from Europe? Mr. Bartlett (1844).

73. T. CINNAMOMINUS.
SYN. *Falco cinnamominus*, Swainson.
F. sparverius, L., var.?
HAB. The temperate and colder regions of S. America.
A. Specimen purchased (1843).

74. T. VESPERTINUS (*Pl. Enl.* 431 : Gould's *B. E.* pl.).
SYN. *Falco vespertinus*, L.
F. rufipes, Beseke.
F. subbuteo, var., Latham.
HAB. Europe and Asia.
A. Adult male. From Darjiling. Presented by Mrs. Oakes (1843).
B. Adult female. *C.* Young male. *D.* Young female. From the Society's old collection (except *C.*, procured near Calcutta in 1843).

75. T. ÆSALON (*Pl. Enl.* 447, 468 : Gould's *B. E.* pl.).
SYN. *Falco æsalon* and *F. lithofalco*, Gmelin.
F. regulus, Pallas.
F. cæsius, Meyer.
F. intermixtus, Daudin.
HAB. Europe and northern Asia, N. W. Himalaya?
A. Male. *B.* Female. From England. Mr. Bartlett (1844).

76. T. PUNCTATUS (*Pl. Col.* 45).
SYN. *Falco punctatus*, Cuvier.

HAB. Madagascar; Mauritius.
A. Specimen from the Isle of France. Presented by Willis Earle, Esq. (1843).

Genus HIERAX, Vigors.

77. H. MELANOLEUCOS, Blyth *(J. A. S.* XII, 179—*bis)*.
HAB. Assam.
A. Specimen presented by J. McClelland, Esq. (1842).

78. H. EUTOLMOS, Hodgson.
SYN. *H. bengalensis* apud Blyth, *J. A. S.* XII, 180 *(bis)*.
Bengal Falcon, var. A., Latham.
Doung-oo-nhouk, Arracan.
HAB. Nepal; Sylhet; Arracan.
A. Specimen from Darjiling. Presented by C. S. Bonnevie, Esq. (1846).
B. Adult. *C.* Young. From Arracan. Presented by Capt. Phayre (1847).

79. H. FRINGILLARIUS (*Dict. Class. d'Hist. Nat.*, pl. 21 : *Pl. Col.* 97).
SYN. *Falco fringillarius*, Drapiez.
Hierax malayensis, Strickland.
Malayan *F. cærulescens*, auctorum.
Seeap Belang, Penang: *Allap*, or *Allap Allap*, Java.
HAB. Western Malasia replaced by other species in the more Eastern Islands.
A. Specimen from Java. Presented by the Natural History Society of Batavia (1846).
B. Do. From Malacca. Rev. F. J. Lindstedt (1845).
C. Do. (in bad order) : from Mergui. Dr. Helfer (1833).

Subfam. PERNINÆ.

Genus BAZA, Hodgson.

80. B. LOPHOTES (*Pl. Col.* 10).
SYN. *Falco lophotes*, Temminck.
B. syama, Hodgson.
Falco et *Lepidogenys Lathami*, Gray.
Lophotes, indicus, Lesson.
Syáma ('black'), Nepal.
HAB. India generally; rarer to the South: not uncommon during the rainy season in Lower Bengal.
A. B. C. Specimens from the vicinity of Calcutta (1843-6).
D. Do. Presented by Prince Jalaludin (1846).

81. B. JERDONI.

SYN. *Lophastur Jerdoni*, Blyth, *J. A. S.* XI, 464.
Probably *Falco Reinwardtii*, Muller.

HAB. Malayan peninsula.

A. Adult. *B*. Young. From Malacca. Presented by C. S. Bonnevie, Esq. (1842).

Genus PERNIS, Cuvier.

82. P. CRISTATA, Cuvier (*Pl. Col.* 44).

SYN. *Falco ptilorhynchus*, Temminck.
P. Elliotti, Jameson.
P. maculosa, and probably *P. torquatus*, *ruficollis*, and *atrogularis*, Lesson.
Madhava, (from *Madhu* 'honey'), Nepal (Hodgson); *Shahutela* (from *Shahut*, 'honey'), H. (Jerdon).

HAB. India generally. Not rare in Lower Bengal.

A. Adult male. *B*. Adult female. *C. D. E.* Young males. From the vicinity of Calcutta (1843-7).
F. G. H. Three others. From S. India: T. C. Jerdon, Esq. (1842). I. Specimen from Nepal: B. H. Hodgson, Esq. (1842).

83. P. APIVORA (*Pl. Enl.* 420.)

SYN. *Falco apivorus*, Lin.
F. dubius, Sparrman.
F. incertus, Latham.
F. poliorhynchus, Bechstein.
Accipiter lacertarius, Pallas.
Pernis communis, Cuvier.

HAB. Europe and W. Asia; Africa? In Europe migratory, and more or less local in its haunts, especially frequently beech-woods.

Subfam. ELANINÆ.

Genus ELANUS, Savigny.

84. E. MELANOPTERUS (Lev., *Ois. d'Afr.* t. 36).

SYN. *Falco melanopterus*, Daudin.
F. sonninensis et *vociferus*, Latham.
F. clamosus, Shaw.
E. cæsius, Savigny.
Petite Buse Criarde, Sonnerat.
Kotta Falcon, and (the young) *Indian Falcon*, Latham.
Kápási ('cottony'), *H.*: *Angkal Angkal*, Java.

HAB. S. Asia; Malayan Archipelago; and all Africa, if not also the extreme S. of Europe occasionally: common in Lower Bengal, and generally over India.

A. Adult male. *B*. Young. Procured near Calcutta (1841-3). *C*. Young. From S. Africa. Presented by Lord A. Hay (1845).

Subfam. CIRCAËTINÆ.

Genus CIRCAËTUS, Vieillot.

85. C. GALLICUS *(Pl. Enl.* 413*)*.

SYN. *Falco gallicus*, Gmelin.
F. brachydactylus, Temminck.
F. leucopsis, Bechstein.
F. longipes, Wilson.
Aquila leucamphomma, Borkh.
A. pygargus, Brisson.
Sâp-mârilo ('snake-killer'), Beng.: *Samp-mor* (ditto), H.: *Mulpatu*, Can.

HAB. Europe, Asia, and Africa. Common on the plains of India, preferring an open country. It preys chiefly on snakes.

A. B. Specimens from the neighbourhood of Calcutta (1843-8).

Genus HÆMATORNIS, Vigors.

86. H. CHEELA (Gould's *century*, pl. 1.)

SYN. *Falco cheela*, Latham.
H. undulatus, Vigors.
Circaetus nipalensis, Hodgson.
H. et *Buteo bacha*, apud Franklin and Sykes.
F. albidus, Cuv., and *Buteo melanotis*, Jerdon, the young.
Tilâi-bâj ('spotted Hawk'), Beng.: *Sabchur* ('full-crested'), young. *Goomcan-mooryala*, Mahr.: *Doung-tswon*, Arracan.

HAB. India generally: extremely common in Lower Bengal; preferring a jungly country, with shallow jheels and tanks, where it preys much on frogs which it clutches in the mud.

A. B. C. Adults. *E. F. G. H.* Young. From the vicinity of Calcutta (1842-6.)

87. H. BIDO.

SYN. *Falco bido*, Horsfield., Lev. *Ois. d'Afr. t.* 15.
F. bacha (?), Daudin.
F. cheela, var.?
Bido, Javan.

HAB. Malay countries, Africa?

Subfam. CIRCINÆ.

Genus CIRCUS, Lacepede.

88. C. ÆRUGINOSUS (Gould's B. E. pl. 32).

SYN. *Falco æruginosus*, L.
F. rufus, Gmelin.
F. arundinaceus, Bechstein.
Accipiter circus, Pallas.
Circus palustris, Brisson.
C. variegatus, Sykes.
C. rufus var. *indicus*, and *C. Sykesi*, Lesson.

Konta Falcon, Muskooroo Falcon, and *Rufous-eared Falcon,* Latham.

Ch'oá or *Mát Chil* ('Meadow Kite'), Beng. (generic): *Kutar,* and *Kulehsir* (capped), Hind. *Sufid Sira* ('white-headed'), and *Tika Bauri* (Hawk with the *tika* frontal mark), (B. Ham.).

HAB. Europe, Asia, and Africa.

A. B. C. D. Males. *E. F. G.* Females. From the neighbourhood of Calcutta, where very abundant (1841-5).

89. C. CYANEUS (Gould's *B. E.* 33).

SYN. *Falco cyaneus,* Lin.

F. bohemicus, albicans, griseus, et *montanus,* Gmelin, &c. &c.

F. uliginosus (?), Gmelin.

Tupoos, or *Moosh-khor* (Rat-eater), of Kabul (Burnes).

HAB. Europe and middle Asia: replaced on the plains of India by the next species.

A. Adult male (in bad order). From Bootan. Capt. Pemberton (1838).

B. Female. From Nepal. B. H. Hodgson, Esq. (1842).

C. Young male, from England. Mr. Bartlett (1844).

D. Young male. *E.* Female. From Scotland. Sir W. Jardine (1847).

90. C. SWAINSONII, A. Smith (Gould's *B. E.* pl. 34).

SYN. *C. pallidus,* Sykes.

C. dalmaticus, Ruppell.

C. albescens, Lesson.

Falco herbœcola, Tickell (?)

F. cyaneus, var. *A,* Latham.

Dast-mal ('Hand-soiler'), Hind.: *Teea* (Burnes, from the voice), Derajat: *Pandouvi,* (B. Ham.).

HAB. India and Africa; very rare in Europe. Less common in Lower Bengal than the next species.

A. Adult male. *B.* Young male. *C.* Female. From the vicinity of Calcutta (1844-7).

91. C. CINERASCENS Gould's *B. E.* pl. 35).

SYN. *Falco cinerascens,* Montagu.

C. Montagui, Vieillot.

HAB. Europe, Asia, and Africa: all India; Ceylon.

A. Adult male. *B.* Young male. *C. D. E. F.* Females of different ages. From the neighbourhood of Calcutta (1843-8).

G. Semi-adult male, from S. India. T. C. Jerdon, Esq. (1842).

H. Male. *I.* Female. From Algiers. M. Alfred Malherbe (1848).

92. C. MELANOLEUCOS.

SYN. *Falco melanoleucos*, Pennant.
Pahatai, H.: *Ablak Petaha* ('Pied Harrier'?; *Petaha*, &c. probably from the voice), Nepal, (H.).
Thin-kya, Arracan.

HAB. India generally, inclusive of Ceylon.
A. B. Males, from the vicinity of Calcutta (1843-7).

Genus POLIORNIS, Kaup.

93. O. TEESA (Hardw. *Ill. Ind. Fool.*)

SYN. *Circus teesa*, Franklin.
Astur hyder, Sykes.
Zuggun Falcon, Latham.
Tisa, or *Teesa* (from the voice), Hind.

HAB. Plains of India, where very abundant: never met with on the mud-soil of Lower Bengal, though appearing immediately this is quitted in a westerly direction: Tenasserim provinces; Malacca?

A. Specimen with large whitish supercilia (according with the description of *P. fasciatus*, A. Hay, *Madr. Journ.* XIII, 146, from Malacca), procured at Amherst: E. O'Ryley, Esq. (1847).
B. Another, nearly similar; from S. India. Presented by T. C. Jerdon, Esq. (1846).
C. Another, younger; from Monghyr: Willis Earle, Esq. (1844).
D. Adult, without the supercilia; from S. India: T. C. Jerdon, Esq. (1845).
E. F. Two others; and *G.* young: from Allahabad. Presented by L. C. Stewart, Esq., H. M. 50th Regt. (1846).

Subfam. ACCIPITRINÆ.

Genus ACCIPITER, Ray.

94. ACC. NISUS (*Pl. Enl.* 467, 412).

SYN. *Falco nisus*, L.
F. nisosimilis, Tickell, *J. A. S.* II, 571.
A. fringillarius, Ray.
A. Dussumieri apud Jerdon, *Madr. Journ.* X, 84.
Bassun Falcon, Latham.
Basha, female;—*Bashin*, male;—Hind.

HAB. Europe, Asia, and N. Africa: in India, numerous in the hilly parts, rare and accidental on the alluvium of Lower Bengal.

A. Adult male (very rufous); from Scotland. Presented by Dr. W. Jamieson (1839).
B. Another from England: Mr. Bartlett (1842).
C. Another (non-rufous, similar to adult female). *D.* mature female. From England. Mr. W. Davison (1844).
E. Adult male (rufous), from the neighbourhood of Calcutta (1843). *F.* Adult female, do (1849). G. Adult

female: and H. Young male. Calcutta. (Society's old collection).

I. Female; from S. India. T. C. Jerdon, Esq. (1844).

J. Male. *K.* L. Two females; from Darjiling. C. S. Bonnevie, Esq. (1846).

M. Male. N. Female (very fine); from Algiers. Presented by M. A. Malherbe (1848).

95. A. NISOIDES, Blyth (*J. A. S.* XVI, 727).

SYN. *Falco soloënsis (?)*, Horsfield.
F. cuculoides (?), Temminck, *P. C.* 110, 129.
Sumatran *Acc. fringillarius* of the Appendix to Lady Raffles's memoirs of Sir T. S. Raffles, p. 549.
Sikap Ballam (?), Sum.: *Allap Allap Lallar (?)*, Jav.

HAB. Malayan peninsula.

A. Presumed adult female; from Malacca: presented by R. W. G. Frith, Esq. (1847).

96. A. VIRGATUS (Jerdon's *Ill. Ind. Zool.* pl. 4, 29).

SYN. *Falco virgatus*, Temminck, *P. C.* 109.
Nisus minutus, Lesson (apud G. R. Gray).
A. besra, Jerdon; and the female,
A. fringillarius apud Jerdon, *Catal.*
A. Dussumieri apud Sykes.
Búsra (diminutive of *Báz*, 'Goshawk'), and the male —*Dharti* ('a handful', or 'held in the hand'), Hind.

HAB. India generally, but chiefly the hilly parts; also the Malay countries: rare and accidental in Lower Bengal.

A. Adult male, from Masuri; purchased (1846).

B. Adult female (toes injured), from Darjiling; C. S. Bonnevie, Esq. (1847).

C. Younger adult male (bad); and *D.* female, from Darjiling. Mr. Webb (1844).

E. Young male; from the neighbourhood of Calcutta. Presented by Willis Earle, Esq. (1844).

F. Do., from S. India: T. C. Jerdon, Esq. (1842).

97. A. MINULLUS (Livaillant, *Ois. d'Afr.* t. 34).

SYN. *Falco minullus*, Daudin.

HAB. S. Africa.

A. Specimen in immature plumage. Presented by G. F. Cathcart, Esq. (1836).

Genus MICRONISUS, G. R. Gray.

98. M. BADIUS (*Pl. Col.* 308, 336).

SYN. *Falco badius*, Gmelin.
F. Brownii, Shaw.
F. Dussumieri, Temminck (nec apud Sykes's or Jerdon's Catalogues).

Accipiter dukhunensis, Sykes.
Calcutta Sparrow-hawk and *Chippuck Falcon*, Latham.
Shikrá, (from *shikárkardan*, to pursue game), female; *Chippuck* (or *Chipka*, Jerdon, from the voice), male; H.: *Thinkyet-ma*, Arracan.

HAB. India generally and Malay countries, being numerous throughout India, and in Ceylon; not uncommon in Afghanistan.

A. Adult male. *B*. Adult female. *C*. Male, assuming adult plumage. *D*. *E*. Young males. *F*. Young female. From the vicinity of Calcutta (1842-6).

99. M. ?

HAB. ?

Specimen from Mr. Bartlett (1843).

Genus ASTUR, Bechstein.

100. A. NOVÆ HOLLANDIÆ (Gould's *B*. *A*. Vol. I, pl. 14, 15).

SYN. *Falco novæ hollandiæ*, Latham.
F. albus, Shaw, white variety.
F. clarus, Latham.
F. leucäetos, Foster.
Dædalion candidum, Lesson.
A. Raii, Vigors and Horsfield.
} Coloured variety.

HAB. Australia.

A. White specimen. Presented by the Sydney Institution, (1846).

101. A. PALUMBARIUS (*Pl. Enl.* 418, 461, 423).

SYN. *Falco palumbarius* et *F. gentilis*, L.
F. gallinarius, Gmelin.
F. albescens, Boddäert.
Accipiter astur, Pallas.
Baz or Baz Khani, female; *Jurra*, male; Hind. The *Kurungosh* is probably a variety.

HAB. Europe and Asia: in India, confined (or nearly so) to the sub-Himalayas.

A. Adult female. *B*. *C*. Young males. *D*. Young female. From Scandinavia. Presented by the Royal University of Christiania (1846).

E. Adult female. From Nepal. B. H. Hodgson, Esq. (1842).

102. A. TRIVIRGATUS (*Pl. Col.* 303).

SYN. *Falco trivirgatus*, Reinwardt.
Astur indicus, Hodgson.
A. palumbarius apud Jerdon, *Madr. Journ.* No. XXIV, 85.
A. cristatus, G. R. Gray.
Spizaëtus rufitinctus, McClelland, *P. Z. S.* 1839.
Gar (fort or mountain) *Bazra*, *Manik* (esteemed) *Bazra*, *Koteswor* (fort-chieftain), H.: *Churiáli* (frequenting peaks), Nepal.

Hab. India and Malay countries; being confined to the hilly parts.

A. Fine adult male, from Ye, Tenasserim. Presented by the Rev. J. Barbe (1844).

B. Adult female (toes injured): from Darjeeling. C. S. Bonnevie, Esq. (1846).

C. Young male: from the Nilgiris. T. C. Jerdon, Esq. (1842).

D. Young female (with throat, breast, and middle of belly white, without markings): from Ye. Rev. J. Barbe (1844).

E. Middle-aged male, from Ceylon. G. L. Layard, Esq. (1848).

Subfam. THRASAËTINÆ.

Genus Pseudastur, Blyth.

103. Ps. pæcilonotus (*Pl. Col.* 9).

Syn. *Falco pœcilonotus*, Cuvier.
F. skotopterus, Pr. Max.

Hab. S. America.
A. Specimen received from Mr. Bartlett (1844).

Genus Spizaetus, Vieillot.

104. Sp. nipalensis.

Syn. *Nisaëtus nipalensis*, crested variety, Hodgson, *J. A. S.* V, 229.
N. pulcher, Ibid., *J. A. S.* XII, 305.
Falco orientalis (?) et *F. lanceolatus (?)*, Temminck and Schlegel.

Hab. Himalaya, and mountain ranges N. of Sylhet.
A. B. Adult females? From Nepal. Presented by B. H. Hodgson, Esq. (1842), and described *J. A. S.* XII, 305; and a presumed adult male, from Cherra Punji, described *J. A. S.* XIV, 175.

105. Sp. limnaetus (*Pl. Col.* 127, 134).

Syn. *Falco limnaëtus*, Horsfield.
F. caligatus, Raffles.
F. niveus, Temminck.
Limnaëtus unicolor, Vigors.
Nisaëtus nipalensis, crestless variety, Hodgson, *J. A. S.* V, 229.
N. pallidus, ibid., young.
Lake Falcon, *Bauj Eagle*, and probably *Jerwied Eagle*, Latham.
Lang Tanjbikar, Sum.: *Wuru-rawa*, Jav.

Var. *Falco cristatellus*, Temminck.
F. Lathami, Tickell.

F. cirrhatus (?), Gmelin.
Shah Baj, and *Sádál*, Hind.

Hab. India and Malay countries: the crested variety found chiefly in the peninsula of India.

(Var. *A*, with rudimental crest, and becoming wholly of a sooty-black with age. Extremely common in Lower Bengal, occurring also in the Malay countries, and sparingly it would seem in the Sub-Himalayan region, or at least its S. E. portions. Very rarely the occipital crest is developed in this variety, sometimes to 3 in. in length).

A. Adult male. *B*. Adult female. (Wholly sooty-black, save the base of the remiges underneath, and the tail underneath except towards its tip: irides brilliant yellow). From the vicinity of Calcutta (1842-4).

C. Female (similar to preceding): from Malacca. R. W. G. Frith, Esq. (1847).

D. Another female (also similar, but retaining some white on the throat and on one side of the fore-neck and breast). Procured near Calcutta (1845).

E. Male. *F*. Female. Middle-aged. (Upper-parts brown; the lower white, with a large blackish-brown drop on each feather: a broad and conspicuous stripe down the middle of the throat: head and neck fulvescent, streaked: and tibial and tarsal plumes more or less distinctly barred with fulvous). From near Calcutta (1842).

G. Male (similar to last, but with crest nearly 3 in. long). From near Calcutta (1846).

H. I. J. K. Young (with under-parts either wholly white, or slightly streaked). From near Calcutta (1841-5).

(Var. *B*. With constantly—it would seem—a well developed occipital crest, sometimes attaining to $5\frac{1}{2}$ in. long. This variety does not appear ever to assume the wholly black plumage; and the young differ in colouring from the young of the preceding variety. Inhabits the peninsula of India generally and Ceylon, reaching northward to the Sub-Himalayan region).

L. Specimen from Midnapore district, with crest $5\frac{1}{2}$ in. long; described *J. A. S.* XIV, 174. Presented by Capt. Pringle Shortrede (1844).

M. Another (the finer of the two described in *J. A. S* XII, 306), with crest 4 in. From Central India. Presented by C. Fraser, Esq., C S. (1844).

N. Young (crown and neck fulvous, partially dark-shafted, with white margins to the coronal feathers and occipital crest: under-parts white, with a few small light fulvous spots on the breast, passing to nearly round spots below). From the Eastern Ghâts. Presented by T. C. Jerdon, Esq. (1844).

106. Sp. ALBONIGER.
SYN. *Nisaëtus alboniger*, Blyth, *J. A. S.* XIV, 173.
HAB. Malayan peninsula (Penang, Malacca).
A. B. Two males from Malacca, described *loc. cit.* Presented by the Rev. F. W. Lindstedt (1844).

107. Sp. KIERNERI.
SYN. *Astur Kierneri*, de Sparre.
Spizaëtus albogularis, Tickell, *J. A. S.* XI, 456.
HAB. Himalaya; Central India.
A. Specimen from Chyebassa. Presented by Capt. Tickell (1842).

Subfam. AQUILINÆ.

Genus EUTOLMAETUS, Blyth.

108. Eu. BONELLII (Jerdon's *Ill. Ind. Orn.* pl. I).
SYN. *Falco Bonellii*, Temminck.
Aquila intermedia, Bonelli.
Aq. fasciata, Vieillot.
Nisaëtus grandis, Hodgson, *J. A. S.* V, 230.
N. niveus? apud Jerdon, *Catal.*
Genoese Eagle, Latham.
Moranga, or *Morangi*, Hind.
HAB. S. of Europe and Asia, and N. Africa.
A. Adult male, from Nepal. Presented by Capt. Roxburgh (1833), *J. A. S.* II, 550.
B. Young male. *C.* Young female. From Nepal. Presented by B. H. Hodgson, Esq. (1842).

Genus AQUILA, Meyer.

109. Aq. CHRYSAETOS.
SYN. *Falco chrysaëtos*, *F. fulvus*, et *F. melanaëtus*, L.
F. niger, Gmelin.
F. melanotus, Latham.
Aquila nobilis, Pallas.
Aq. regia, Lesson.
HAB. Mountainous regions of Europe, Asia, and N. America, within the temperate zone.
A. Specimen from the N. W. Himalaya. Purchased (1846).
B. Skin (in bad order): From Nepal. B. H. Hodgson. Esq. (1843).

110. Aq. IMPERIALIS.
SYN. *Falco imperialis*, Bechstein.
F. moyilnik, Gmelin.
F. ferox, and *Brown-backed Eagle*, Latham.
Aquila heliaca, Savigny.

Aq. bifasciata, Gray.
Aq. nipalensis, Hodgson, *As. Res.* XVIII, pt. II, 13, pl. 1.
Aq. chrysaëtos apud Meyer, et Jerdon, *Catal.*
Jumiz, or *Jumbiz*, Hind.: *Frús*, Bengal: *Wonlo*, Arracan.

Hab. S. E. of Europe, Asia, and N. Africa.

A. Specimen from Mymunseng. Presented by R. W. G. Frith, Esq. (1843).
B. Another (corresponding to *Aq. bifasciata*, Gray). From Arracan. Presented by Capt. Phayre (1845).
C. Another (in the lineated plumage figured by Hardwicke. Head and neck in bad order). From Nepal. B. H. Hodgson, Esq. (1843).

111. A. NÆVIOIDES.

Syn. *Falco nævioides*, Cuvier.
F. rapax, Temminck.
F. senegallus, Cuvier.
F. albicans, Ruppell.
F. choka, A. Smith.
A. fulvescens, fusca, et *punctata*, Gray.
A. vindhiana, Franklin.
Wokháb, also *Jimach* (vide *J. A. S.* XV, 8), Hind.

Hab. Plains of India and Africa generally: but not found on the alluvium of Lower Bengal.

A. Adult male. *B*. Adult female. From near Benares. Presented by Lord A. Hay (1846).
C. Female, from near Allahabad. L. C. Stewart, Esq. (1846).
D. Pale specimen, from S. India. T. C. Jerdon, Esq. (1842).

112. A. NÆVIA.

Syn. *Falco nævius* et *F. undulatus*, Gmelin.
A. malanaëtus, Savigny.
A. clanga, Pallas.
A. bifasciata, Hornsch.
Spotted Eagle, and *Brown-backed Eagle* var. A, Latham.
Kaljanga, Bakayári, Jiyádha (B. Ham.)

Hab. S. E. of Europe, Asia, and N. Africa. Common in the Bengal Sundabans, and found likewise in Central and S. India.

A. Adult male. *B*. Adult female, much spotted. *C*. Adult female, spotless. *D*. Do., pale-headed. From the Bengal Sundabans (1843-5).

113. Aq. HASTATA.

Syn. *Morphnus hastatus*, Lesson.
Spizaëtus punctatus, Jerdon.
Limnaëtus unicolor apud Blyth, *J. A. S.* XII, 128.

Jiyadha, and *Guti-mar* ('Cocoon-destroyer'), H.

Hab. Common in the Bengal Sundabans, and found likewise in Upper Bengal, and in Central and S. India.

A. Adult male (much streaked below). *B*. Do. (less so). *C*. Do. (streakless). *D*. Do. (with pale specks on wings). *E*. Young male. All from the neighbourhood of Calcutta (1843-5).

Genus Ictinaëtus, Jerdon (nec Kaup).

114. I. malaiensis.

Syn. *Falco malaiënsis*, Reinwardt.
Aquila et *Heteropus* et *Neopus perniger*, Hodgson.
Nisaëtus ? ? ovivorus, Jerdon.
Black Eagle, Jerdon, *Catal.* and *Supp.*

Hab. S. E. Himalaya; Nilgiris; Malay countries.

A. Male, from the Nilgiris. T. C. Jerdon, Esq. (1842).

Genus Hieraëtus, Kaup.

115. H. pennatus.

Syn. *Falco pennatus*, Gmelin.
F. lagopus, Bengal variety, Latham.
Aquila minuta, Brehm.
Spizaëtus milvoides, Jerdon.
Butaquila strophiata, Hodgson.

Hab. S. E. of Europe, and Asia: India generally.

A. Adult male. *B*. *C*. Adult females. D. Young male. *E*. Young female. All from the vicinity of Calcutta (1843-7).

Subfam. BUTEONINÆ.

Genus Archibuteo, Brehm.

116. A. hemiptilopus, Blyth (*J. A. S.* XV, 1).

Syn. *A. cryptogenys*, Hodgson, *Calc. Journ. Nat. Hist.* VIII, 96.

Hab. Tibet; Sikim?

A. Specimen procured at Darjiling; obtained for the museum by exchange (1845).

Genus Buteo, Cuvier.

117. B. rufinus.

Syn. *Falco rufinus*, Ruppell.
B. canescens, Hodgson.
B. longipes, Jerdon.
Circus pectoralis (?), Vieillot.
Nasal Falcon, Latham.
Chuhá már ('Rat-killer'), Hind.

Hab. India generally; plains and lower hills. In Lower Bengal, found only above the tideway of the river: also N. Africa.

A. Male, from Ludiana. Presented by Capt. Boys (1845).
B. Another, Lower Bengal (1845).
C. D. Females, Lower Bengal (1844-6).

118. B. VULGARIS, Bechstein (Jerdon's *Ill. Ind. Orn.* pl. 27).
SYN. *Falco buteo,* Lin.
F. glaucopis, Merrem.
F. variegatus, versicolor, cinereus, et *obsoletus,* Gmelin.
B. mutans et *fasciatus,* Vieillot.
B. albus, Daudin.
B. communis, Cuvier.
B. Swainsoni, Pr. Bonap.
B. montanus, Nuttall.
B. rufiventer, Jerdon.
HAB. Northern hemisphere; rare and to the northward only in America. The loftier hills only, in India.
A. B. Specimens from Norway (very dark). Presented by the Royal University of Christiania (1846).
C. Do. from England (feathers rufous-edged). Presented by Mr. W. Davison (1846).
D. Male (very similar to last); from Darjiling. Mr. Webb (1845).
E. Another (not good, but much resembling last.) From Nepal. B. H. Hodgson, Esq. (1842).
F. Another (small, and very rufescent): from the Nilgiris. T. C. Jerdon, Esq. (1842—sent as *B. rufiventer,* Jerdon, *Supp. Catal.).*

119. B. PYGMÆUS, Blyth (*J. A. S.* XIV, 177).
HAB. Tenasserim provinces.
A. Specimen (bill injured): procured by Dr. Helfer (1841).

Subfam. HALIAËTINÆ.

Genus PANDION, Savigny.

120. P. HALIAËTUS.
SYN. *Falco haliaëtus,* L.
P. fluviatilis, Savigny.
P. indicus, Hodgson.
Bengal Osprey, Latham.
Mátch-moróll, and *Bulla,* B.: *Mucherera,* H. (Jerdon); also *Mátch-manga,* H.: *Wonlet,* Arracan.
HAB. Of general distribution; the Australian race (*P. leucocephalus,* Gould,) alone slightly differing. Common throughout India, in all suitable localities.
A. B. C. D. E. F. Series of six specimens, from the vicinity of Calcutta (1842-6).

Genus PONTOAETUS, Kaup.

121. P. ICTHYAETUS.

SYN. *Falco icthyaëtus*, Horsfield.
Icthyaëtus bicolor, G. R. Gray.
I. plumbeus, Hodgson, *J. A. S.* VI, 367.
Mátch-morôl ('Fish-tyrant'), Beng.: *Madhuya*, H. (B. Ham): *Jokomaru*, Java.

HAB. India and Malay countries: common in Lower Bengal.
A. Adult male. *B.* Adult female. *C.* Young female. From the vicinity of Calcutta (1842-4).

122. P. NANUS.

SYN. *Icthyaëtus nanus*, Blyth, *J. A. S.* XI, 202, and XII, 304.

HAB. Malayan peninsula.
A. Semi-adult. Purchased (1841).

Genus BLAGRUS, Blyth.

123. BL. LEUCOGASTER.

SYN. *Falco leucogaster*, Gmelin.
F. blagrus (?), Daudin.
F. dimidiatus, Raffles.
F. albicilla, var.; Latham.
Icthyaëtus cultrunguis, Blyth, *J. A. S.* XI, 110, the semi-adult.
Haliaëtus sphenurus, Gould, young.
Kampamar Eagle, the semi-adult; and *Maritime Eagle*, the adult, Latham. *T'hámpa-mar* ('Snake-killer'), Orissa; *Kohasa*, H.: *Langlaut*, Sum.

HAB. India; Africa (?); the Malay countries; and Australia.
A. Adult. *B. C.* Semi-adults. *D.* Young. From the vicinity of Calcutta (1842-6).

Genus HALIAETUS, Savigny.

124. H. MACEI.

SYN. *Falco Macei*, Temminck.
H. albicilla apud Vigors and Horsfield.
H. ossifragus (?) apud Raffles.
H. fulvigaster, Vieillot.
H. albipes, Hodgson.
H. lineatus, (the young,) and *H. unicolor*, (the semi-adult,) Gray (Hardw. *Ill. Ind. Zool.*).
Mátcháráng, *Mátch-manggar*, *Kóról*, or *Mátch-kóról* ('Fish-Eagle'), and *Bálá*, B.: *Kokna*, or *Oogoos* (Tickell): *Lang-laut*, Sum.

HAB. Northern India generally: abundant in Lower Bengal.
A. Adult male. *B.* Adult female. *C. D.* Young. From the vicinity of Calcutta (1842-6).

Genus HALIASTUR, Selby.

125. H. INDUS.

SYN. *Falco indus*, Boddaërt.
F. pondicerianus, Gmelin.
Milvus rotundicaudatus, Hodgson (young).
Sankar Chil ('Shiva's Kite'), *Dhobia Chil* ('Washerman's kite'), and *Ru-mabarik*, ('Lucky-faced,' *i. e.* propitious), Hind. *Khemankari*, Sanskrita. *Rutta Ookab*, Sind. (Burnes), also *Pilyo*: *Tswon-goung-phyoo*, Arracan: *Lang-bondol*, Sumatra: *Ulang*, Java.

HAB. India and Malay countries: extremely common.
A. Adult. B. Semi-adult. *C.* Young. From the vicinity of Calcutta (1842-4).

Genus MILVUS, Cuvier.

126. M. REGALIS, Brisson.

SYN. *Falco milvus*, L.
M. ictinus, Savigny.

HAB. Europe; W. Asia.
A. Specimen in first plumage: from the Royal University of Christiania (1846).

127. M. ATER.

SYN. *Falco ater* et *F. austriacus*, Gmelin.
M. govinda, Sykes.
M. œtoleus, Lesson.
M. affinis, (?), Gould.
Chil (from the voice), or *Pariah Chil*, H. *Tswon-bop*, Arracan.

HAB. India; Malayan peninsula (Penang); Australia? Rare in the easternparts of Europe. An abundant summer visitant in Afghanistan.
A. B. Adult males. *C. D. E.* Young males. *F. G.* Young females. *H. I.* Nestlings. From the vicinity of Calcutta (1838-44).

Subfam. POLYBORINÆ.

Genus BUTEOGALLUS, Lesson.

128. B. BUSARELLUS.

SYN. *Falco busarellus*, Daudin.

HAB. S. America.
A. Specimen from Mr. Bartlett (1844).

Genus MILVAGO, Spix.

129. M. MONTANUS.

SYN. *Phalcobœnus montanus*, d'Orbigny.

HAB. Andes.
A. Specimen from Chili: purchased (1843).

Genus IBYCTER, Vieillot.

130. I. AQUILINUS.

SYN. *Falco aquilinus*, Gmelin.
F. formosus, Latham.
F. nudicollis, Daudin.
F. leucogaster, Vieillot.

HAB. S. America.
A. Specimen from Mr. Bartlett (1844).

Fam. VULTURIDÆ.

Subfam. VULTURINÆ.

Genus VULTUR, L.

Gidh, (Hind.) : *Shukuni*, Beng. : *Gid Gerni* (Tickell.)

131. V. MONACHUS, L.

SYN. *V. cinereus*, Gmelin.
V. arrianus, Temminck.
V. imperialis, Tem. (*p. c.* 426), apud Jerdon (*in epistold.*)
Ægypius niger et *vulgaris*, Savigny.

HAB. Mountainous parts of Europe and Asia.
A. Specimen from Nepal (crown feathered). Presented by B. H. Hodgson, Esq. (1842).
B. Do. from Assam (crown bare). Major F. Jenkins (1844).

Genus OTOGYPS, G. R. GRAY.

132. O. CALVUS.

SYN. *Vultur calvus*, Scopoli.
V. pondicerianus, Daudin.
Mollá-Gidh ('Priest Vulture'), H. : *Lal-mátá Shúkuni* ('Red-headed Vulture'), Beng.

HAB. India generally : common.
A. Adult. *B*. Young. From near Calcutta (1847).

Subfam. GYPINÆ.

Genus GYPS, Savigny.

133. G. FULVUS.

SYN. *Vultur fulvus*, Gmelin.
V. Kolbii, Daudin (apud Dr. A. Smith and G. R. Gray).
V. percnopterus, Pallas (nec Linnæus).
V. leucocephalus, Meyer.
V. indicus apud Jerdon, *Catal.*
Gyps vulgaris, Savigny.
Maha-dho of the Mahrattas.

HAB. Mountainous regions of the Old World.
A. Specimen (in bad order), from Nepal. B. H. Hodgson, Esq. (1842).
B. Do (fine), from Algiers. M. Malherbe (1848).

134. G. INDICUS (Gray's *Ill. Gen. Birds*, pl.).
SYN. *Vultur indicus*, Scopoli and Latham.
V. bengalensis apud Temminck (Jerdon *in epistolâ*).
V. tenuiceps et *tenuirostris*, Hodgson.
HAB. India and Malay countries: common.
A. Adult male. *B.* Middle-aged. C. Young. From the vicinity of Calcutta (1844).

135. G. BENGALENSIS (Hardwicke's *Ill. Ind. Zool.*)
SYN. *Vultur bengalensis*, Gmelin, the young.
V. indicus apud Temminck (young, *apud* Jerdon *in epistolâ*).
V. chaguoun, Daudin. } Adult.
V. leuconotus, Gray. }
Lengta, Arracan.
HAB. India generally: very abundant. A summer visitant in Afghanistan.
A. Adult. *B.* Young. From the vicinity of Calcutta (1842).

Subfam. SARCORHAMPHINÆ.

Genus SARCORHAMPHUS, Dumeril.

136. S. PAPA, *Pl. Enl.* 428).
SYN. *Vultur papa*, L.
HAB. S. America.
A. Adult male. Mr. Bartlett (1844).

Genus NEOPHRON, Savigny.

137. N. PERCNOPTERUS, *Pl. Enl.* 407, 429).
SYN. *Vultur percnopterus*, Lin. (nec Pallas).
V. leucocephalus et *V. fuscus*, Gmelin.
V. ginginianus et *V. albus*, Daudin.
V. meleagris, Pallas.
V. fulvus, Boddaërt.
V. stercorarius, La Peyrouse.
Percnopterus ægyptiacus, Stephens.
Soongra, or *Soonda*, Scinde (Burnes).
HAB. Warmer regions of Europe, Asia, and Africa: abundant on the plains of India; rare and accidental below the tideway of the rivers in Lower Bengal. A summer visitant in Afghanistan.
A. Adult, from Midnapore. C. P. White, Esq. (1844).
B. Young, procured near Nadiya (1846).

Subfam. GYPÄETINÆ.

Genus GYPÄETOS, Storr.

138. G. BARBATUS, (Edwards, pl. 106).
SYN. *Vultur barbatus* et *V. barbarus*, Lin.
V. niger, Gmelin.

V. aureus, Brisson.
Falco magnus, S. Gmelin.
Phene ossifraga, Savigny.
Gypaëtos grandis, Storr.
G. alpinus, Daudin.
G. leucocephalus et *G. melanocephalus*, Meyer.
G. meridionalis, Brehm.
G. barbatus, var. *occidentalis* et var. *orientalis*, Pr. Bonap.
G. hemachalanus, Hutton (with dark pectoral mark), *J. A. S.* III, 522.
Bearded Eagle, Latham.
'Golden Eagle' of English residents in the Himalaya. *Urgool*, Masuri (Hutton). *Cajeer*, or *Foomaee*, Kabul (Burnes).

HAB. Mountainous regions of Europe, Asia, and Africa.
A. Adult. Presented by Mr. J. J. Athanass (1842).

Tribe II.—NOCTURNÆ.

Fam. STRIGIDÆ.

Subfam. BUBONINÆ.

Genus NYCTEA, Stephens.

139. N. NIVEA, (Gould's *B. E.* pl. 43).
SYN. *Strix nivea*, Daudin.
Str. nyctea, Lin.
S. candida, Latham.
N. erminea, Stephens.
HAB. Arctic circle, migrating within the northern temperate zone.
A. Female, from the Royal University of Christiania (1844).

Genus BUBO, Sibbald.

140. B. ORIENTALIS, (*Pl. Col.* 174, 229).
SYN. *Strix orientalis*, Horsfield.
S. sumatrana, Raffles.
S. strepitans, Temminck.
B. et *Huhua nipalensis*, Hodgson.
H. pectoralis, Jerdon.
HAB. Himalaya, S. India, and Malay countries.
Huhua, and *Huhu Chil*, Nepal (H.): *Oonan*, Malabar (Jerdon).
A. Specimen from Nepal (wings and feet imperfect). B. H. Hodgson, Esq. (1842).

141. B. MAXIMUS, Sibbald (Gould's *B. E.* pl. 37).
SYN. *Strix bubo*, L.

B. atheniensis, Daudin.
B. europæus, Lesson.
HAB. Europe and N. Asia: Himalaya?
A. Specimen from Europe. Mr. Bartlett (1844).

142. B. VIRGINIANUS (Wilson's *Am. Orn.*, pl. 50, fig. 1).
SYN. *Strix virginiana* et *magellanica*, Gmelin.
Str. nacurutu et *B. pinicola*, Vieillot.
B. arcticus, Rich. and Sw., *Fauna Americana-borealis* (variety).
HAB. N. and S. America.
A. Specimen from Mr. Bartlett (1844).

143. B. BENGALENSIS (Gould's 'Century,' pl. 3).
SYN. *Otus bengalensis*, Franklin.
Bubo cavearcus et *Urrua cavearea*, Hodgson.
Ghooghoo, H. (Jerdon).
HAB. India generally: Afghanistan: but not met with below the tideway of the rivers in Lower Bengal.
A. B. Adults. *C.* Young. From the neighbourhood of Allahabad. L. C Stewart, Esq. H. M. 50th. (1846).

144. B. UMBRATUS.
SYN. *Urrua umbrata*, Blyth, *J. A. S.* XIV, 180.
Strix coromander, *coromandra*, et *coromandelica*, auctorum?
Str. coromanda, var., Latham.
HAB. India generally.
A. B. Two specimens, from the vicinity of Calcutta (1844-5).

Genus ASIO, Brisson.

145. A. OTUS (*Pl. Enl.* 29).
SYN. *Strix otus*, L.
Str. soloniensis, Gm.
Otus europæus, Stephens.
O. communis, Lesson.
O. vulgaris, Fleming.
HAB. Europe and N. Asia, Himalaya.
A. Specimen from the Royal University of Christiania (1846). *B.* Another, from Afghanistan. Capt. Hutton, (1849.)

146. A. BRACHYOTUS (Gould's *B. E.* pl. 40).
SYN. *Strix brachyotus*, Gmelin.
Str. ulula, *S. ægolius*, et *S. accipitrina*, Pallas.
S. arctica, Sparrman.
S. tripennis, Schrank.
S. palustris, Smies.
S. brachyura, Nilsson.
Brachyurus palustris, Gould.
Chota Ghooghoo, H. (Jerdon).

HAB. Europe, Asia, Africa, N. and S. America.
A. Specimen from England. Mr. Davison (1846).
B. C. Do. do. from the vicinity of Calcutta (1841-4).

Genus SCOPS, Savigny.

147. Sc. ALDROVANDI, Ray (Gould's *B. E.* pl. 48; Jerdon's *Ill. Ind. Orn.*, pl. 41, chesnut variety).
SYN. *Strix scops*, Linnæus.
Str. zorca et *S. giu*, Scopoli.
S. carniolica, Gmelin.
Sc. europæus, Lesson.
Sc. senegalensis, Swainson.
Sc. capensis, Smith.
Sc. sunia (chesnut variety), and *S. pennata* (grey variety), Hodgson.
Sc. malayanus, A. Hay.
Ephialtes spilocephalus, Blyth, *J. A. S.* XV, 8 (?) Large specimen in immature plumage?
Otus Scops japonicus, Tem., apud G. R. Gray.
Strix bahkamœna (?), Pennant.
Chitta Gool, Telinga (Jerdon): *Chugad Kusial*, or *Sunya Kusial*, Nepal (H.)
HAB. Europe, Asia, and Africa.
A. Specimen from Algiers: M. Malherbe (1848),
B. C. Two grey specimens, from S. India. T. C. Jerdon, Esq. (1844-6).
D. Another, more mottled. From the neighbourhood of Calcutta (1847).
E. Very bright rufous-chesnut female, from near Calcutta. R. W. G. Frith, Esq. (1844).
F. G. H. Three others, intermediate in colouring to the preceding. From near Calcutta (1843-6).
I. Grey specimen from Masuri (perhaps distinct?). Capt. Hutton (1849).

148. A. LEMPIJI, (*Pl. Col.* 99).
(Var. A. Malayan race, in general deeply tinged with fulvous).
SYN. *Strix lempiji*, Horsfield.
Str. noctula, Reinwardt.
Scops javanicus, Lesson.
Lempiji, Java.
(Var. B. Larger race, but seldom tinged with fulvous: inhabiting the Himalaya, Assam, Sylhet, and Arracan).
Sc. lettia, Hodgson.
Tharkavi Chugad, or *Lattya Kudyal*, Nepal (H.).
(Var. C. Ordinary Indian race, resembling the last, but generally smaller and greyer in colour,—being, when

slightly tinged fulvescent, the *Sc. lempiji* apud Jerdon of Malabar and Ceylon.

Sc. lettioides et *griseus*, Jerdon.

HAB. (In different varieties, India, China (?), and the Malay countries.

Var. A.—*A. B. C. D. E.* Series of five specimens from Malacca (the undoubted *lempiji*). Rev. F. J. Lindstedt, and R. W. G. Frith, Esq. (1844-7).

Var. B.—*F.* Specimen from N. W. Himalaya. Purchased (1846).

G. H. Two ditto. from Nepal. B. H. Hodgson, Esq. (1842).

I. One from Darjiling. Mr. Webb (1844).

J. One from Arracan (Ramree). Capt. J. R. Abbott (1845).

Var. C. *K. L. M.* Specimens from the Coromandel Coast (sent as *lettioides*, Jerdon): and *N. O.* Two from Malabar (sent as *lempiji*). T. C. Jerdon, Esq (1844-6).

P. Specimen (resembling last), from Ceylon. E. L. Layard, Esq. (1849).

Genus KETUPA, Lesson.

149. K. FLAVIPES.

SYN. *Cultrunguis flavipes*, Hodgson, *J. A. S.* XV, 364).

HAB. Himalaya only (so far as hitherto observed).

A. Specimen from N. W. Himalaya. Purchased (1846).

150. K. CEYLONENSIS.

SYN. *Strix ceylonensis*, Gmelin.

Str. Leschenaultii, Temminck.

S. Hardwickii, Gray.

S. dumeticola, Tickell.

Cultrunguis nigripes, Hodgson.

Ulu (generic), H.: also *Amrai ka Ghooghoo*, H. (Jerdon): *Útúm*, Beng.: *Tee-dook*, Arracan.

HAB. India generally; Arracan; Tenasserim. Very common in Lower Bengal.

A. B. Adults, from near Calcutta (1842-6). *C.* Nestling young (1845).

151. K. JAVANENSIS, Lesson.

SYN. *Strix ketupu*, Horsfield.

Str. ceylonensis apud Temminck.

Tamba, or *Ketombo Ratanapye; Hanta; Burong Pelow;* Malayan: *Blo-Ketupu*, Java.

HAB. Malayan peninsula and Archipelago: rare in Arracan.

A. Specimen from Java. Presented by the Batavian Society (1845). *B.* Ditto from Malacca, Rev. F. J. Lindstedt (1844). *C.* Ditto from Arracan. Capt. Barry (1849).

Subfam. ATHENINÆ.

Genus SURNIA, Dumeril.

152. S. ULULA (Gould's *B. E.* pl. 45).
SYN. *Strix ulula*, Lin.
S. hudsonica, Gmelin.
S. funerea apud Gmelin.
S. doliata, Pallas.
S. canadensis et *S. freti Hudsonis*, Brisson.
S. nisoria, Meyer.
S. arctica, Sparrman.
Surnia borealis, Lesson.
HAB. Northern regions of the Old and New World.
A. Norwegian specimen, from the Royal University of Christiania (1844).

153. S. FUNEREA (Gould's *B. E.* pl. 49).
SYN. *Strix funerea*, L.
Str. Tengmalmi, Gmelin.
S. dasypus, Bechstein.
HAB. Northern regions of the Old World.
A. B. C. Three Scandinavian specimens; one presented by the Royal University of Christiania (1844); another by H. E. Strickland, Esq. (1847); and the third by M. Alfred Malherbe (1848).

Genus NINOX, Hodgson.

154. N. BOOBOOK, (Gould's *B. A.* Vol. I, pl. 32).
SYN. *Strix boobook*, Latham.
HAB. Australia.
A. Specimen from the Sydney Institution (1845).

155. N. SCUTULATUS (*Pl. Col.* 289).
SYN. *Strix scutulata*, Raffles.
Str. hirsuta, Temminck.
S. lugubris, Tickell.
Ninox nipalensis, Hodgson.
Athene malayensis, Eyton.
Kál Páncha, Beng,: *Choghud Besrah*, H. (Jerdon): *Kheng-boop*, Arracan: *Raja Wali*, Malayan.
HAB. India generally; Tenasserim provinces; Malayan peninsula; Sumatra: not rare in Lower Bengal. Madagascar (Dr. A. Smith, *Afr. Zool.* p. 163).
A. Specimen from near Calcutta (1843).

Genus ATHENE, Boie.

156. ATH. CUCULOIDES (Gould's 'Century,' pl. 4).
SYN. *Noctua cuculoides*, Vigors,
N. auribarbis, Hodgson.
D'zee-gwet, Arracan.

HAB. Himalaya; Assam; Arracan; Tenasserim; China.
A. Specimen from Chusan. J. McClelland, Esq (1843).
B. C. D. From Arracan. Capt. J. R. Abbott (1845).

157. ATH. RADIATA.
SYN. *Strix radiata,* Tickell, *J. A. S.* II, 572 (1833).
Athene erythropterus, Gould, *P. Z. S.* 1837, p. 136.
Noctua perlineata, Hodgson.
N. cuculoides apud Jerdon, *Catal.*
Jungli Choghud, H. (Jerdon) : *Chota Kal-pancha,* Beng. : *Chugad,* Nepal (H.)
HAB. Most parts of India; sub-Himalayan region: never on the alluvium of Lower Bengal, but appears immediately this is quitted in a westerly direction.
A. B. Specimens procured in the Midnapore jungles (1847).

158. ATH. MALABARICA, Blyth (*J. A. S.* XV, 280).
SYN. *A. castanoptera* apud Jerdon, *Supp.*
HAB. Malabar.
A. B. Specimens presented by T. C. Jerdon, Esq. (1844-7).

159. ATH. CASTANOTUS, Blyth.
SYN. *Ath. castanoptera* apud Blyth, *J. A. S.* XV, 280.
HAB. Ceylon (where common).
A. B. Specimens presented by Dr. R. Templeton (1846-7).

160. ATH. BRAMA (*Pl. Col.* 68).
SYN. *Strix brama,* Temminck.
Str. persica? Nouv. Dict. d' Hist. Nat.
Noctua indica, Franklin.
N. tarayensis, Hodgson.
Katoria Pencha, Beng.: *Chugad,* or *Choghud.* H.: *Punglah,* Mahratta.
HAB. India generally to foot of Himalaya; extremely common in Lower Bengal: Persia (as about Erzeroum).
A. Specimen from the vicinity of Calcutta (1841).

161. ATH. NOCTUA (Gould's *B. E.* pl. 48).
SYN. *Strix noctua,* Retzius.
Str. passerina apud Latham and Temminck.
S. nudipes, Nilsson.
Noctua veterum, Lichtenstein.
Athene gymnopus, (?), Hodgson.
Ath. bactrianus, Blyth, *J. A. S.* XVI, 776.
HAB. Europe; N. and W. Asia; Afghanistan; Himalaya (?); N. Africa.
A. B. Specimens from Algiers. Presented by M. Alfred Malherbe (1848).

162. ATH. PASSERINA (Gould's *B. E.* pl. 50).
SYN. *Strix passerina*, Linnæus.
Str. pygmæa, Bechstein.
Str. acadica, Temminck.
HAB. N. Europe and Asia.
A. Specimen presented by the Royal University of Christiania (1845).

163. ATH. BRODIEI.
SYN. *Noctua Brodiei*, Burton, *P. Z. S*, 1835, p. 152.
N. tubiger and *Athene badia*, Hodgson.
HAB. Himalaya.
A. Specimen from N. E. Himalaya: R. W. G. Frith, Esq. (1842). *B.* Do., from Darjiling: Mr. Webb (1844). *C.* Do. (not good), from Darjiling: C. S. Bonnevie, Esq. (1846).

Subfam. SYRNIINÆ.

Genus SYRNIUM, Savigny.

164. S. INDRANI (Gray's *Ill. Gen. Birds*, pl. 14.)
SYN. *Strix indrani*, Sykes (vide *J. A. S.* XVI, 463).
Ulula? et *Bulaca newarensis*, Hodgson.
B. monticola, Jerdon.
Newar, Nepal (H.).
HAB. India generally, mountainous parts: Ceylon: Malayan peninsula.
A. B. Two specimens (very fine): from the N. W. Himalaya. Purchased (1847).
C. Another (much smaller, and more radiated). From Goomsoor. Capt. McPherson (1845).
C. Another. Ceylon: E. L. Layard Esq. (1848).
D. Another. From Malacca. R. W. G. Frith, Esq (1848).

165. S. SINENSE (Hardw. *Ill. Ind. Zool.*)
SYN. *Strix sinensis (?)*, Latham.
Str. orientalis, Shaw.
HAB. Most parts of India, to foot of Himalaya: not Lower Bengal (at least below the tideway of the rivers). China?
A. Male, from Allahabad. L. C. Stewart, Esq. (1846).
B. Female, from Agra. Ibid. (1844).

166. S. NEBULOSUM (Gould's *B. E.* pl. 46).
SYN. *Strix nebulosa*, Gmelin.
HAB. N. America: very rare in N. Europe.
A. Specimen from Mr. Bartlett (1846).

167. S. ALUCO (Gould's *B. E.* pl. 47).
SYN. *Strix aluco* et *S. stridula*, L.
Str. sylvestris, *S. alba*, *S. noctua*, et *S. rufa*, Gmelin.
Syrnium ululans, Savigny.

HAB. Europe; N. Africa.

A. Very rufous male, from England. Mr. Bartlett, (1844). *B.* Another, less rufous, from N. of England. Mr. Davison (1844). *C.* Another, dark and non-rufous (very closely resembling No. 168, *A*), from Scotland. Sir W. Jardine Bt. (1847). *D. E.* Male and female, rather pale, and non-rufous: from Scandinavia. Christiania University (1846). *F.* Male (fulvous-grey, the mottlings well defined): from Algiers. M. Alfred Malherbe (1848).

168. S. NIVICOLUM, Hodgson (*J. A. S.* XIV, 185; XV, 9; XVI, 464).

(REMARK. This is probably a Himalayan variety of the preceding species; distinguished by its generally larger size, darker colour, and the usually greater development of the transverse markings of the plumage).

HAB. Himalaya.

A. Fine dark and fulvescent male, from Sikim: purchased (1845). *B.* Do., less fulvescent: from the N. E. Himalaya. Purchased (1846). *C.* Another, also from the N. W. Himalaya. L. C. Stewart, Esq. (1846). *D.* Female. "Himalaya." T. C. Jerdon, Esq. (1844).

Subfam. STRIGINÆ.

Genus PHODILUS, Is. Geoffroy.

169. PH. BADIUS (Horsfield's *Zool. Res. in Java*, pl.).

SYN. *Strix badia*, Horsfield.

Wowo-wiwi, or *Kalong wiwi*, Jav.

HAB. Nepal; Sikim; Assam; Arracan; Malayan peninsula and archipelago.

A. Very fine specimen: from Ramree (Arracan). Presented by Capt. J. R. Abbott (1845).

Genus STRIX, L. (as restricted).

170. STR. PERSONATA, Vigors (Gould's *B. A.* Vol. I, pl. 29).

SYN. *Str. cyclops*, Gould.

HAB. Australia.

A. Specimen purchased (1847).

171. STR. FLAMMEA, L.

SYN. *S. javanica* apud Sykes and Jerdon.

Lakkhi or *Jakkhi Pencha*, B.: *Kareya*, or *Kurail*, H., vulgo *Booree Chooree*, Jerdon. *Jilei*, Bhagulpore.

HAB. Europe and Asia; Africa? N. America?

A. Male. *B. C.* Females. From the vicinity of Calcutta (1843-6).

172. Str. delicatula (?), Gould (*B. A.* Vol. I, pl. 31), (nec *Str. delicatula* vera, apud Strickland *in epistolâ*).
Hab.———?
Specimen received from Mr. Bartlett (1844).

Genus Glaux, nobis.

173. Gl. javanica (?), (Jerdon's *Ill. Ind. Orn.* pl. 30).
Syn. *Strix javanica* deWormb, apud Latham (vide *J. A. S.* XIV, 186).
Str. candida, Tickell, *J. A. S.* II, 572.
S. longimembris, Jerdon.
Hab. Plains of India: very rare on the mud-soil of Lower Bengal, within the reach of the tide.
A. Specimen (not good): from S. India. Presented by T. C. Jerdon, Esq. (1842).

Order III. INSESSORES.

Suborder. PICÆ, L. (modified).

Tribe. SYNDACTYLI, Cuv. (modified).

Fam. BUCEROTIDÆ.

Sub. fam. BUCEROTINÆ.

Genus Buceros, L. (*Dhan'es*, Beng., generic).

174. B. cavatus, Shaw (*As. Res.* XVIII, pt. II, pl.).
Syn. *B. bicornis (?)*, Lin.
B. homrai, Hodgson.
Bún Rao (Jungle King), Masuri: *Homrai*, Nepal: *Youny-yeng*, Arracan: *Juggang Papan*, Sumatra: *Concan*, Malay.
Hab. Extensive hill forests of all India; Assam; Arakan; Tenasserim; Malayan peninsula; Sumatra; Philippines?
A, Male. *B*. Female. From Arakan. Presented by Capt. Phayre (1844).
C. Large head of male. From Assam. Presented by Dr. McCosh (1833).

175. B. rhinoceros, L. (*Pl. Enl.* 934).
Syn. *B. niger*, Shaw (nec Vieillot). } Young.
B. sylvestris, Vieillot. }
B. diadematus, Drapiez. }
Juggang Danto, Malay: *Rangkok*, or *Jongrang*, Java.
Hab. Malayan peninsula and Archipelago.
A. Very fine male. *D*. Young female. Presented by the Rev. F. J. Lindstedt (1844).
B. Adult female. Presented by the Rev. J. Bray (1843).
C. Young male. Presented by R. W. G. Frith, Esq. (1848). All from Malacca.

176. B. HYDROCORAX, L. (*Dict. Class. d'Hist. Nat., Atlas*, pl. 23, fig. 2.)
SYN. *B. bicornis*, var., Shaw.
B. cristatus, Vieillot.
B. platyrhynchos, Pearson, *J. A. S.* X, 652.
HAB. Moluccas.
A. Specimen (described in *J. A. S.* XII, 988). Presented by R. Inglis, Esq. (1834).

177. B. PICA, Scopoli, (*Pl. Enl.* 813).
SYN. *B. malabaricus*, var. *B*, Latham.
B. monoceros, and probably *B. violaceus*, Shaw.
Bægma Dunnase, White, *As. Res.* IV, 119.
HAB. Indian peninsula; Ceylon?
A. Male. *B.* Female. From Chaibasa. Presented by Capt. Tickell (1842).
C. Male. From Goomsoor. Capt. Macpherson (1845).
D. Old female. Shot with nearly half of its upper mandible broken away, but the casque uninjured. From Kutak. Presented by Dr. Gurney Turner (1847).

178. B. AFFINIS, Hutton, *J. A. S.* XVIII,
HAB. Deyra Doon.
A. B. Specimens presented by Capt. Thos. Hutton, (1849.)

179. B. ALBIROSTRIS, Shaw, Vieillot, (Lev. *Ois. Rar.*, pl. 14).
SYN. *B. malabaricus*, Latham.
B. leucogaster, Blyth, *J. A. S.* X, 922 (the young).
Auk-khyeng, Arakan.
HAB. Mednapore district; Rajmahl; Monghyr; Nepal; Assam; Sylhet; Arakan; Tenasserim provinces: never in Malabar, or S. India: replaced by *B. affinis* in the Deyra Doon, wich merely differs in being constantly of the larger size of *B. pica*.
A. Adult female. *B.* Young male. Procured fresh (1844-6).
C. Adult male. *D.* Young. From Tenasserim. Presented by the Rev. J. Barbe (1841-5).
E. Male, from Arakan. Capt. Phayre (1844).
F. Female, from do. Capt. J. R. Abbott (1844).

180. B. INTERMEDIUS, Blyth (*J. A. S.* XVI, 994).
SYN. *B. violaceus* of Wagler, apud Lord A. Hay, *Madr. Journ.* XIII, 148.
Probably *B. malabaricus* of Sumatra, apud Raffles.
HAB. Malayan peninsula (in latitude of Penang); Sumatra?
A. Adult, from Penang. Presented by Col. Low (1848).
B. Specimen of young. From Penang. Presented by Dr. A. Campbell (1845).

181. B. MALAYANUS, Raffles, (*Pl. Col.*).
SYN. *B. anthracinus*, Temminck.
B. bicolor, Eyton.

B. Elliotti, A. Hay (vide *J. A. S.* XVI, 995).
B. albirostris of Java (?), apud Horsfield.
Kiki (?), Malay: *Angka Angka (?)*; Sum.: *Klinglingan (?)*, Java.

HAB. Malayan peninsula; Sumatra; Java? Moluccas?

A. Male. From Malacca. Presented by R. W. G. Frith, Esq. (1847).
B. C. Females. From Malacca. Presented by the Rev. F. J. Lindstedt (1844).
D. Female. From the Moluccas? J. Middleton, Esq. (1837).
E. F. Young, from Malacca. Presented by Mr. Frith, and Mr. E. Lindstedt (1846-7).

182. B. NIGRIROSTRIS, Blyth (*J. A. S.* XVI, 995).
SYN. *B. malayanus* apud Lord A. Hay, *Madr. Journ.* XIII, 151.
HAB. Malayan peninsula.
A. Female. Presented by R. W. G. Frith, Esq. (1847).

183. B. BIROSTRIS, Scopoli, (Lev. *Ois. Rar.*, pl. 15).
SYN. *B. ginginianus*, Shaw.
Putteal Dunnase, White, *As. Res.* IV, 121.
HAB. India generally (nec Assam): never on the eastern side of the Bay of Bengal.
A. Male. *B.* Female. *C.* Young. From Chaibasa. Presented by Capt. Tickell (1842).
D. Female. Presented by the Curator (1847).

184. B. GINGALENSIS, Shaw (Lev. *Ois. Rar.*, pl. 23).
SYN. *B. bengalensis*, Gray.
HAB. Malabar; Ceylon: never Bengal.
A. Specimen from Ceylon. Presented by Lord A. Hay (1845).

185. B. GALERITUS, Temminck (*Pl. Col.*).
SYN. *B. carinatus*, Blyth, *J. A. S.* XV, 187.
Mati Sakawan, Malay.
HAB. Malayan peninsula.
A. Male. *B.* Female. From Malacca. Presented by the Rev. F. J. Lindstedt (1845).
C. Young, from Malacca. Presented by R. W. G. Frith, Esq. (1848).

186. B. COMATUS, Raffles.
SYN. *B. lugubris*, Begbie (vide *Ann. M. N. H.* 1846, p. 405).
HAB. Malayan peninsula; Sumatra.
A. Male. *B.* Female. From Malacca. Presented by Mr. E. Lindstedt (1846).

187. B. EXARRHÆTUS, Reinwardt (*Pl. Col.* 211).
HAB. Moluccas; Java?
A. Specimen presented by the Batavian Society (1845).

188. B. PANAYENSIS, Scopoli, (*Pl. Enl.* 780, 781).
HAB. Moluccas; Philippines.
A. Female, from the former Macao museum: presented by R. Inglis, Esq. (1834).

189. B. NIPALENSIS, Hodgson (*As. Res.* XVIII, pt. 1, 2 figs. of female).
HAB. S. E. Himalaya; hill ranges of Assam, and Munipur.
A. Male. *B.* Female. From Munipur. Presented by Capt. Guthrie (1843).
C. Young male. From Nepal. B. H. Hodgson, Esq. (1844),

190. B. PASURAN, Raffles.
SYN. *B. ruficollis* apud Blyth, *J. A. S.* XII, 176.
HAB. Cherra Panji; Arakan; Tenasserim provinces; Malayan peninsula; Sumatra.
A. B. Adult males. From Arakan. Presented by Capt. Phayre (1844-6).
C. Adult female. *D.* Young male. From Malacca. Presented by Mr. E. Lindstedt (1846).
E. Male (with unusually flat casque), described *J. A. S.* XII, 991. Presented by J. Middleton, Esq. (1837).
F. Young male, from Sylhet. Presented (fresh) by C. Huffnagle, Esq. (1848).

191. B. PLICATUS, Latham, Shaw (nec Drapiez).
SYN. *B. obscurus*, Gmelin.
B. subruficollis, Blyth, *J. A. S.* XII, 177.
HAB. Arakan; Tenasserim provinces.
A. Male, from Arakan. Presented by Capt. Phayre (1844).
B. Male, from Tenasserim. Rev. J. Barbe (1842).
C. Female, from do. Dr. Helfer (1837).
D. E. Selected casques; from Dr. Helfer's collection.

192. B. GALEATUS, L. (*Pl. Enl.* 933—the beak only).
Toko, and *Burong Gading*, Sum.: *Tibbang Mantooa*, Malay.
HAB. Malayan peninsula and archipelago.
A. Adult. *B.* Young. (Now in bad order.) Presented by J. Middleton, Esq. (1837).

Subfam. IRRISORINÆ.

Genus IRRISOR, Lesson.

193. I. ERYTHRORHYNCHOS.
SYN. *Upupa erythrorhynchos*, Latham.
HAB. S. Africa.
Specimen presented by Lord A. Hay (1845.)

Fam. UPUPIDÆ.

Genus UPUPA, L.

194. U. EPOPS, L. (*Pl. Enl.* 52).

HAB. Europe; Asia; N. Africa. Common in Bengal; also Nepal: generally replaced in S. India and Ceylon, as likewise in the Deyra Doon, by the next; though occurring in the Nilgiris.

Hūdhūd, H.: Toung-bee-tsot, Arracan.

A. B. Specimens from the vicinity of Calcutta (1843-8).

C. D. Do. from Tenasserim (very rufous). Presented by the Rev. J. Barbe (1846).

E. Do. from Algiers. M. Malherbe (1848).

195. U. SENEGALENSIS (?), Swainson (vide *J. A. S.* XIV, 189).

SYN. *U. minor* apud Jerdon.

HAB. S. India; Ceylon; Deyra Doon; W. Africa?

A. B. Specimens from Goomsoor. Presented by Capt. Malcolmson (1845).

C. Do. From Ceylon. E. L. Layard, Esq. (1848).

D. E. Do. From Deyra Doon. Capt. Hutton and Mr. Borlass (1849).

196. U. MINOR, Shaw.

HAB. S. Africa.

A. Specimen presented by Lord A. Hay (1845).

Fam. HALCYONIDÆ.

Genus DACELO, Leach.

197. D. MONACHA, ———?

SYN. *D. concreta,* juv., Temminck.

HAB. Celebes? Moluccas?

A. Specimen presented by the Batavian Society (1845).

198. D. PULCHELLA, Horsfield (*Pl. Col.* 277; *Zool. Res. in Java,* Pl.).

Tengki-watu, Jav.

HAB. Mergui; Malayan peninsula and archipelago.

A. Male. *B. C.* Females. From Malacca. Presented by the Rev. F. J. Lindstedt (1844).

D. Male. Presented by the Batavian Society (1845).

Genus HALCYON, Swainson.

Mátch-ranga (generic), or *Matchi-mar* (Masuri), H.: *Pin-ngyeng* (generic), Arakan, with the prefix of *Tsheng* for the larger species and *Glai* for the smaller: *Kaka,* Malayan.

199. H. LEUCOCEPHALUS, L.

SYN. *Alcedo capensis,* L. (*Pl. Col.* 599).

Bang Kaka, Sumatra: *Tengke Buto,* Java.

A. B. Two specimens from Malacca. Presented by the Rev. F. J. Lindstedt (1845).

C. D. Two others, from Malacca. Presented by Mr. E. Lindstedt (1846).

200. H. GURIAL, Pearson (*J. A. S. X*, 633.)
SYN. *H. brunniceps*, Jerdon, *Madr. Journ.* XIII, 143.
H. leucocephalus apud Horsfield, *P. Z. S.* 1839, p. 156.
Gurial, Beng.: *Malay Poymah*, Malabar (i. e. "Jungle Kingfisher"), Jerdon.
HAB. India generally.
A. B. C. D. Specimens from the vicinity of Calcutta (1842-6).
E. D. (Under parts very rufous.) Tenasserim. Presented by E. O'Ryley, Esq. (1846).

201. H. SMYRNENSIS, (*Pl. Col.* 232, 894).
SYN. *Alcedo smyrnensis*, L.
Ispida bengalensis minor, Brisson.
Sada-búk Mátch-ranga, Beng.: *Kilkila*, H. (Jerdon).
HAB. India generally; Assam; Arakan; Tenasserim; Malayan peninsula; Ceylon. Syria.
A. B. C. Adults. *D. E.* Young. From the vicinity of Calcutta (1841-7).

202. H. GULARIS, (*Pl. Col.* 135).
SYN. *Alcedo gularis*, Kuhl.
A. melanopterus, Temminck.
H. ruficollis, Swainson.
H. smyrnensis, var. *albogularis*, Blyth, *J. A. S.* XII, 998.
Tengke-arang, Java.
HAB. Java; Philippines: Madagascar (?) Vide. *Ann. M. N. H., n. s.*, 1848.
A. Specimen presented by J. Middleton, Esq. (1837).

203. H. CORAMANDER.
SYN. *Alcedo coromander*, Latham.
H. coromandelicus, Vigors.
Tengke-sumbo, Java.
HAB. Nepal; Sikim; Bengal Sūndarbans; Tenasserim; Coromandel?
A. B. Specimens from Tenasserim. Presented by the Rev. J. Barbe (1842-6).

204. H. ATRICAPILLUS (*Pl. Col.* 613).
SYN. *Alcedo atricapilla*, Latham.
A. albiventris, Scopoli (inapplicable).
Udang, Malay.
HAB. Eastern side of the Bay of Bengal; rare on the western: Bengal Sūndarbans; Malayan peninsula and archipelago; China.
A. B. Specimens procured in the Sūndarbans (1844).
C. Do. From Macao. Purchased (1843).

Genus TODIRHAMPHUS, Lesson.

205. T. VARIUS.
SYN. *Halcyon varia*, Eyton, *P. Z. S.* 1839, p. 101.

Probably *H. chlorocephalus* (as distinguished from *H. sacer*), in *Zool. Appendix* to Lady Raffles's Memoirs of Sir St. Raffles, p. 655.

Tengke-cheger (?), Java.

HAB. Malayan peninsula; Sumatra; Java?

A. B. Adults, from Malacca. Presented by F. J. Russell, Esq. (1845).

C. Young, from Malacca. Presented by R. W. G. Frith, Esq. (1847).

206. T. COLLARIS.

SYN. *Alcedo collaris*, Scopoli.

A. chlorocephala, Gmelin.

Malayan *A. sacer* (v. *sanctus*), Auct.

Var. *T. occipitalis*, Blyth, *J. A. S.* XV, 23, 51.

Tengke, Java.

HAB. Bay of Bengal, much more common on the eastern side; Bengal Sūndarbans; Sumatra; Java.

A. B. C. D. Nicobar variety with broad white or rufous supercilium (*T. occipitalis*, Blyth). Presented by Capt. Lewis, and the Rev. J. Barbe (1846).

E. Ordinary variety, from the Nicobars. (Particularly bright.) Rev. J. Barbe (1846).

F. Do. from Tenasserim. E. O. Ryley, Esq. (1847).

G. H. Do. from the Sūndarbans. Procured by the Curator (1844).

207. T. SACER (Gould's *B. A.* Vol. II, pl. 20).

SYN. *Alcedo sacer*, Gmelin.

Halcyon sanctus, Vigors and Horsfield, *Lin. Tr.* XV, 206.

Dacelo chlorocephala, var. B, Lesson.

HAB. Australia.

A. B. Specimens from the Sydney Museum (1845).

C. D. E. Do. (smaller), from Port Philip. Presented by Mr. Benson (1846).

208. T. CINEREIFRONS (Vieillot, *Gal.* 187).

SYN. *Alcedo cinereifrons*, Vieillot.

HAB. Tropical Africa (Malimba).

A. Specimen presented by Babu Rajendra Mallika (1848).

Genus CERYLE, Boie.

209. C. GUTTATA (Gould's 'Century,' pl. 5).

SYN. *Alcedo guttatus*, Vigors.

A. lugubris, Temminck.

HAB. Himalaya.

A. Specimen with wings extended. Society's old collection.

B. C. Do., from Darjiling. Presented by Mr. Webb (1844).

210. C. RUDIS (Edwards, pl. 9).
SYN. *Alcedo rudis*, L.
Ispida bitorquata, Swainson.
Phatká Mátch-ranga, B.
HAB. Asia and Africa; rare in the S. E. of Europe.
A. Specimen from S. Africa. Presented by Lord A. Hay (1845).
B. Similar specimen, from Lower Bengal (1848).
C. D. Ordinary Asiatic variety (*C. varia*, Strickland). Specimens from the neighbourhood of Calcutta (1842-4).
E. Specimen from Greece. Presented by M. A. Malherbe (1848).

Genus ALCEDO, Lin.

211. A. GRANDIS, Blyth (*J. A. S.* XIV, 190).
HAB. Sikim; Assam?
A. Specimen (lower mandible wanting, described *loc. cit.*), from Darjiling. Presented by Mr. Webb (1844).

212. A. NIGRICANS, Blyth (*J. A. S.* XVI, 1180).
SYN? *A. euryzona*, Temminck, *Text de Pl. Col.*, and Kaup, *Verhandlungen*, &c., (1848), p. 77.
HAB. Malacca.
A. Specimen (described *loc. cit.*) Presented by R. W. G. Frith, Esq. (1847).

213. A. ISPIDA, L. (*Pl. Enl.* 77).
HAB. Europe; W. Asia: Afghanistan?
A. B. C. Specimens from England. Presented by Mr. Strickland, Mr. Kirtland, and Mr. Davison (1844-6).

214. A. BENGALENSIS, Gm. (Edwards, pl. 11).
Mátch-ranga, B.: *Chota Kilkila*, H. (Jerdon). *Raja Whodan* (generic for all the small species), Malay: *Mal Pilli hudua (pinchi*, or 'small'), Cingh.
HAB. India generally; Burmah; Malacca; China.
A. B. C. D. Specimens from the vicinity of Calcutta (1842-3).
E. F. Do, from Malacca. Mr. E. Lindstedt (1847).

215. A. MOLUCCENSIS, Blyth (*J. A. S.* XV, 11).
HAB. Celebes; Moluccas.
A. Specimen presented by the Batavian Society (1845).

216. A. MENINGTING, Horsfield.
SYN. *A. asiatica*, Swainson, (Swainson's *Zool. Ill.*, 1st series, pl. 50).
Binti, Sum.: *Meningting*, Jav.
HAB. Tenasserim provinces; Malayan peninsula and archipelago.
A. Specimen from Mergui; presented by the Rev. J. Barbe (1846).
B. Do., from Java. Presented by the Batavian Society (1845).

217. A. BIRU, Horsfield (*Zool. Res. in Java*, pl.; Tem. *Pl. Col.* 239, f. 1).
Meningting Watu, or *Burong-Biru*, Jav.
HAB. Java.
A. Specimen presented by the Batavian Society (1845).

Subgenus CORYTHORNIS, Kaup.

218. C. CÆRULEOCEPHALA, Latham (*Pl. Enl.* 356, *fig. sup.*)
HAB. S. Africa; Madagascar.
A. Specimen presented by Lord A. Hay (1845).

Genus ALCYONE, Swainson.

219. A. AZUREA (Gould's *B. A.* Vol. II, pl. 25).
SYN. *Alcedo azurea*, Latham.
A. tribrachys, Shaw.
Alcyone australis, Swainson.
Ceyx cyanea, Lesson.
HAB. Australia.
A. Specimen presented by the Sydney Institution (1846).

Genus CEYX, Lacepede.

220. C. ERYTHACA (Jerdon's *Ill. Ind. Orn.*, pl. 25).
SYN. *Alcedo erythaca* et *tridactyla*, Pallas.
A. purpurea, Gmelin.
A. rubra, Boddaërt.
C. microsoma, Burton.
Dein-ngyeen, Arracan: *Raja Whodan*, Malay.
HAB. India generally, but rare; Lower Bengal: more common on the eastern side of the Bay, southward to the Straits of Malacca.
A. Specimen shot in the Calcutta Botanic Garden (1845).
C. D. Do., from Malacca. Mr. E. Lindstedt (1847).

221. C. RUFIDORSA, Strickland (J. and S., *Ill. Orn.* pl. 552).
SYN. *C. tridactyla* apud Jardine and Selby.
A. madagascariensis, L., apud Latham.
A. purpurea, var., Shaw.
Binti Abang, Sum.; *Chuchack-urang*, Jav.
HAB. Malayan peninsula; Java: never in India.
A. B. Specimens from Malacca. Presented by R. W. G. Frith, Esq., and E. Lindstedt, Esq. (1847).
B. Do., from Java. From the Batavian Society (1846).

Fam. CORACIDÆ.

Genus CORACIAS, L.

222. C. PILEATA, Reinwardt?
SYN.? *C. Temminckii*, (Vieillot), (Vail. *Ois. de Parad.*, t. 6).
C. papuensis, Quoy and Gaymard (*Voy. de l'Astrolabe, Ois.* t. 16).
HAB. Celebes; Moluccas.
A. Specimen presented by the Batavian Society (1845).

223. C. GARRULA, L. (*Pl. Enl.* 486).
HAB. Europe; N. Africa; W. Asia; N. W. India; Kashmir.
A. Specimen from Europe. Mr. Bartlett (1843).
B. Do., from Algiers. M. Malherbe (1848).
C. Do., from Multan (not in good order). Sir A. Burnes (1841).
D. E. Specimens from Afghanistan. Capt. Hutton, (1849).

224. C. INDICA, Lin. (*Pl. Enl.* 285; Edwards, pl. 326).
SYN. *C. bengalensis*, L.
Garrulus nævius, Vieillot.
Subzuk, and *Nil-kánt*, H. (from the colours): *Tas*, *Mahr.* (from its call); *Kavolowa*, Cingh.
HAB. India generally; replaced eastward by *C. affinis*.
A. B. C. D. Specimens from the vicinity of Calcutta (1842-6). *E.* Young. Darjiling. Purchased (1849).

225. C. AFFINIS, McClelland (Gray's 'Illustrated Genera of Birds,' pl.).
Nghet-kha, Arakan.
HAB. Assam; Arakan; Tenasserim provinces.
A. Specimen from Assam. Major Jenkins (1845).
B. C. Do., from Arakan (Ramree). Capt. J. R. Abbott (1844).
D. Do., wings spread; from Tenasserim. Rev. J. Barbe (1845).
E. Do. (with slight intermixture of *B. indica*): Calcutta (1847).
F. G. Do. (with stronger intermixture of *B. indica*): Calcutta (1845-6).
H. Do., from Tipperah. M. Courjon (1845).

Genus EURYSTOMUS, Vieillot.

226. EU. ORIENTALIS (*Pl. Enl.* 619).
SYN. *Coracias orientalis*, Lin.
Eu. fasciicollis et *cyanicollis*, Vieillot.
Tiong Lampie, and *Tiong Batu*, Malayan.
HAB. India generally, China, and Malay countries; Ceylon.
A. B. Adults. *C.* Young. From the vicinity of Calcutta (1845-7).
D. Large-billed individual variety. Nepal. B. H. Hodgson, Esq. (1842).
E. F. Young (very dark), from Darjiling. Purchased (1849).

227. EU. PACIFICUS (Gould's *B. A.* Vol. II, pl. 17).
SYN. *Coracias pacificus*, Latham.
Eu. australis, Swainson.
Eu. orientalis apud Vigors and Horsfield, *Lin. Tr.* XV, 202.
HAB. Australia.
A. B. Specimens presented by the Sydney Institution (1846.)

Fam. MEROPIDÆ.

Genus ALCEMEROPS, Is. Geoffroy.

228. ALC ATHERTONII (Jardine and Selby, *Ill. Orn.* pl. 58).
SYN. *Merops Athertonii*, J. and S.
Bucia nipalensis, Hodgson, *J. A. S.* V, 360.
Merops cyanogularis, Jerdon.
Nyctiornis amherstiana, Royle.
Pya-too-nghet, Arracan.
HAB. Deyra Doon; Nepal; Assam; Arakan; Tenasserim; S. India.
A. B. Specimens from Arakan. Presented by Capt. Phayre (1845).
C. Do., wings spread; from Darjiling: Mr. Webb (1844).

229. A. AMICTA (Swainson's *Zool. Ill.*, 2nd series, pl. 56; *Pl. Col.* 310).
SYN. *Merops amictus*, Temminck.
HAB. Tenasserim Provinces; Malayan peninsula.
A. Specimen from Tenasserim. Dr. Helfer (1837).
B. C. Do., from Malacca. Rev. F. W. Lindstedt (1845).
D. Young, from Malacca. Mr. E. Lindstedt (1847).

Genus MEROPS, L.

230. M. APIASTER, L. (*Pl. Enl.* 938).
SYN. *M. galilæus*, Hasselquist.
M. schæghagha, Forster.
M. chrysocephalus (?), Latham.
HAB. Europe; W. Asia; Afghanistan.
A. Specimen from Europe. Mr. Bartlett (1843).
B. Do., from Algiers. M. Malherbe (1848).
C. Do., received from the Batavian Society (1845).

231. M. PERSICUS, Pallas (Sav., Descript. de l'Egypt, tom. 1, pl. 4, f. 3).
SYN. *M. ægyptius*, Savigny.
HAB. N. Africa; W. Asia; Sinde.
A. B. Specimens from Sinde. Sir A. Burnes (1830).

232. M. PHILIPPINUS, L. (*Pl. Enl.* 215).
SYN. *M. Leschenaultii*, Levaillant.
M. javanicus, Horsfield.
Barai Barai, Malay.
HAB. India generally; Malay countries; Ceylon.
A. B. C. D. Specimens from the neighbourhood of Calcutta (1844-6).

233. M. ORNATUS, Latham, (Gould's *B. A.* Vol. II, pl. 16).
SYN. *M. melanurus*, Vigors and Horsfield.
HAB. Australia.
A. B. Specimens presented by the Sydney Institution (1845).

234. M. SUMATRANUS, Raffles (Griffith's *An. Kingd.*, VII, p. 422, pl.)
HAB. Malay countries.
A. B. Specimens from Malacca. Presented by R. W. G. Frith, Esq. (1846).

235. M. ERYTHROCEPHALUS, Latham (Swainson's *Zool. Ill.*, 1st series, pl. 8).
SYN. *M. quinticolor*, Vieillot.
M. urica, Horsfield.
HAB. India generally (nec Lower Bengal); Malay countries; Ceylon.
A. B. Specimens from Arakan (Ramree). Presented by Capt. Abbott (1845).

236. M. VIRIDIS, L. (Edwards, pl. 183; *Pl. Enl.* 740).
SYN. *M. Lamarckii*, Cuv.
M. orientalis, Latham.
M. indicus, Jerdon.
Var. *M. coromandus*, Latham.
Bans-pati, ('Bamboo leaf'), *H.*; *Hurrial*, and *Patringa*, H. (Jerdon). *Mo-na-gyee*, Arakan.
HAB. India generally; Arakan; Ceylon.
A. B. C. Adults. *D.* Young. From the vicinity of Calcutta (1842-4).
E. Rufous-necked variety (*M. ferrugiceps*, Hodgson). Common in Arakan. From Ramree. Capt. Abbott (1843).
F. Verditer-throated variety (*M. torquatus*, Hodgson). Old collection.

Fam. GALBULIDÆ.

Genus GALBULA, Mœrrhing.

237. G. PARADISEA (*Pl. Enl.* 271; Edwards pl. 10).
SYN. *Alcedo paradisea*, Lin.
G. longicauda, Brisson.
HAB. Guiana.
A. Specimen received from Mr. Bartlett (1844).

238. G. RUFICAUDA, Cuv. (Vail. *Ois. de Par.* II, pl. 50).
SYN. *G. macroura*, Vieillot.
HAB. Tropical S. America.
A. B. Specimens presented by R. W. G. Frith, Esq. (*J. A. S.* XI, 104).

Fam. MOMOTIDÆ.

Genus MOMOTUS, Brisson.

239. M. BRAZILIENSIS, Latham (*Pl. Enl.* 370; Edwards, pl. 328).
SYN. *Rhamphastos momota*, L.
Baryphonus cyanocephalus, Vieillot.
HAB. Tropical S. America.
A. B. Specimens received from Mr. Bartlett (1843).

Tribe ZYGODACTYLI.

Division I. (Devoid of cæca).

Subdivision I. (Climbers).

Fam. PICIDÆ.

Lulkurphor, Hind.: *Kát-tokra*, Beng.: *Kát-barya*, Masuri: *Theet-touk*, Burm.: *Glato*, Malay: *Tukki*, Sum.: *Peatuk*, Jav.: *Pilli hudua* (same name as for Kingfishers), Cingh.

Subfam. CAMPEPHILENÆ.

Genus CAMPEPHILUS, G. R. Gray.

240. C. VALIDUS *(Pl. Col.* 378, 402).
SYN. *Picus validus*, Reinwardt.
HAB. Western Malasia.
A. Male, from Malacca. R. W. G. Frith, Esq. (1847). *B.* Female, do. E. Lindstedt, Esq. (1845).

Genus HEMICERCUS, Swainson.

241. H. CANENTE (Lesson's *Cent. Zool.* pl. 73; Jerdon's *Ill. Ind. Orn.* pl. 40).
SYN. *Picus canente*, Lesson.
H. cordatus, Jerdon (rather smaller race).
HAB. Burmese countries (Arakan, Tenasserim, Pegu): also S. India.
A. Male, from Arakan; Capt. Phayre (1844). *B.* Another, do. Capt. McDonald (1845). *C.* Female, do. Capt. J. R. Abbott (1844).
D. Male. *E. F.* Females. Smaller race, from S. India. T. C. Jerdon, Esq. (1842-8).

242. H. CONCRETUS *(Pl. Col.* 90, f. 1, 2).
SYN. *Picus concretus*, Reinwardt.
HAB. W. Malasia.
A. Male. Rev. F. J. Lindstedt (1845). *B.* Another. Mr. E. Lindstedt (1846). *C.* Female. Society's old collection. *D.* Young male. M. de Storr (1843). *E.* Young female (1846). All from the Malayan peninsula.

Genus CELEUS, Boie.

243. C. FLAVESCENS (Spix, *Av. Braz.* pl. 49).
SYN. *Picus flavescens*, Gmelin.
HAB. S. America.
A. Male. M. Alfred Malherbe (1848).

Genus HEMILOPHUS, Swainson.

244. H. PULVERULENTUS (*Pl. Col.* 389).
SYN. *Picus pulverulentus*, Tem.
P. javensis, fœm., apud Horsfield, *Lin. Tr.* XIII, 76.
HAB. Burmese and Malay countries.
A. Male. From Singapore. Purchased (1842). *B.* Another. *C.* Female. And *D.* Young male. From Ara-

kan. Capt. Phayre (1845-7). *E.* Female. From Malacca. E. Lindstedt, Esq. (1847).

245. H. HODGSONII, Jerdon (*Ill. Ind. Orn.* pl. 5.).

HAB. Nilgiris; Malabar.

A. Male (not good). From the Nilgiris. T. C. Jerdon, Esq. (1843).

246. H. JAVENSIS.

SYN. *Picus javensis*, Horsfield.

P. leucogaster, Reinwardt.

'Great Malayan Woodpecker,' *J. A. S.* VI, 952.

Peatak cyam, Java.

HAB. Malay countries; Tenasserim.

A. Male. C. S. Bonnevie, Esq. (1842). *B.* Another. R. W. G. Frith, Esq. (1847). Both from Malacca. *C.* Female. J. Middleton, Esq. (18). Java? *D.* Young male. From Penang. Rev. J. Barbe (1846).

247. H. FUNEBRIS.

SYN. *Picus funebris*, Valenciennes.

P. modestus, Vigors, *P. Z. S.*

HAB. Philippines.

A. Male. From the dispersed Macao Museum (18).

Genus CHRYSOCOLAPTES, Blyth.

248. CHR. SULTANEUS.

SYN. *Picus sultaneus*, Hodgson, *J. A. S.* VI, 105.

P. strictus apud Jerdon, Catal.

P. strenuus, Gould, mentioned *P. Z. S.* 1839, p. 165.

Hab. India generally, chiefly the hill forests, rare in the plains: also Assam, Sylhet, Arakan, Tenasserim, and Malayan peninsula southward as far as Malacca.

A. Male, from Munipur. Capt. Guthrie (1843). *B.* Female, from vicinity of Calcutta (1845). *C.* Another, from Nepal. B. H. Hodgson, Esq. (1842). *D.* Young female, from Darjeeling. C. S. Bonnevie, Esq. (1846).

249. CHR. GOËNSIS (*Pl. Enl.* 696).

SYN. *Picus goënsis*, Gmelin.

Dendrocopus Elliotti, Jerdon, *Catal.*

Chr. melanotus, Blyth, *J. A. S.* XII, 1005.

HAB. Indian peninsula: rare in most parts; common in a few localities.

A. Male, from Mednapore district. Capt. Pringle Shortrede (1845). *B.* Female, from S. India. T. C. Jerdon, Esq. (1847).

250. CHR. HÆMATRIBON.

SYN. *Picus hæmatribon*, Wagler.

P. spilolophus, Vigors, *P. Z. S.* 1830, p. 98 (the female).

HAB. Philippines.

A. Female. From the dispersed Macao Museum (1837).

Genus BRACHYPTERNUS, Strickland.

251. BR. CEYLONUS (*N. nat. Forsch.*, 13, pl. 4).
SYN. *Picus ceylonus*, Forster.
P. neglectus, Wagler.
P. erythronotus (?), et *P. rubescens* (?), Vieillot.
HAB. Ceylon, where very common.
A. B. Males. *C.* Female. *D.* Young do. From Ceylon. Dr. R. Templeton (1845-6).

252. BR. AURANTIUS (Edwards, pl. 182; *Pl. Enl.* 695).
SYN. *Picus aurantius*, L.
P. bengalensis, Gmelin (nec Horsfield, *Lin. Tr.* XIII, 176).
P. nuchalis, Wagler.
P. tibetanus, Natterer.
P. psarodes, Lichtenstein.
P. hemipodius, Swainson.
Malacolophus? melanochrysos, Hodgson, *J. A. S.* VI, 109.
Br. micropus, Blyth, *J. A. S.* XIV, 194.
Var. *P. chrysonotus*, Lesson.
HAB. India generally; Ceylon.
A. B. C. Males. *D. E. F.* Females. *G. H.* Young males. *I.* Young female. All from the vicinity of Calcutta (1841-6). *J.* Female. Ceylon. E. L. Layard, Esq. (1848).
Var. *Br. dilutus*, Blyth, *J. A. S.* XIV, 550.
HAB. Scinde.
K. Female. Sir A. Burnes (1840).

Genus TIGA, Kaup.

253. T. SHOREI, (Gould's 'Century,' pl. 49).
SYN. *Picus Shorei*, Vigors, *P. Z. S.* 1831, p. 175; *J. A. S.* XIV, 193.
HAB. Himalaya, and hilly regions of S. India.
A. Female (in bad order), from Nepal. B. H. Hodgson, Esq. (1842). *B.* Another, from Gūmsūr. Capt. McPherson (1845). *C.* Another (fine), from the Deyra Doon. Capt. Hutton (1849).

254. T. INTERMEDIA, Blyth, *J. A. S.* XIV, 193.
HAB. Nepal; Assam; Sylhet; Arakan; Tenasserim; Penang; S. India?
A. Male, from Tenasserim. Rev. J. Barbe (1841).
B. Do., from Ramree (Arakan). Capt. J. R. Abbott (1844).
C. D. Females, from Arakan. Capt. Phayre (1844-5).
E. Male. *F. G.* Females. From Penang. Rev. J. Barbe (1846).

255. T. TRIDACTYLA (*J. A. S.* XIV, 193).
SYN. *Chrysonotus tridactylus*, Swainson.
Picus tiga, Horsfield.
Tukki Besor of Malays, Sumatra.

HAB. Malay countries.
A. Male, from Malacca. Rev. F. J. Lindstedt (1845). *B. C.* Males, Malacca. Mr. E. Lindstedt (1846). *D.* Female, Malacca. Rev. F. J. Lindstedt (1846). *E.* Female, from Java. Batavian Society (1845).

256. T. RAFFLESII (*J. A. S.* XV, 16).
SYN. *Picus Rafflesii*, Vigors.
T. labarum, Lesson.
T. amictus, Gray.
HAB. Malayan peninsula; Sumatra.
A. Male. E. Lindstedt, Esq. *B.* Female. R. W. G. Frith, Esq. From Malacca (1847).

Subfam. GECININÆ.

Genus GECINUS, Boie.

Division I. (*Dendrobates*, Swainson).

257. G. GOËRTANS (*Pl. Enl.* 320).
SYN. *Picus goërtans*, Gmelin.
HAB. Senegal.
A. Male. *B.* Female. M. A. Malherbe (1848).

258. G. IMMACULATUS.
SYN. *Dendrobates immaculatus*, Sw. (Birds W. Africa, II, 152).
HAB. S. Africa.
A. B. Males. Presented by Lord A. Hay (1845).

Division II.

259. G. VIRIDIS (*Pl. Enl.* 879, 371).
SYN. *Picus viridis*, L.
HAB. Europe; W. Asia.
A. Male. *B.* Female. From Norway. Presented by the Christiania University (1844). *C.* Female, from England. Mr. Bartlett (1843).

260. G. SQUAMATUS (Gould's 'Century,' pl. 48).
SYN. *Picus squamatus*, Vigors.
P. dimidiatus apud Hardwicke and Gray (nec Temminck).
HAB. Himalaya.
A. B. Males. *C.* Female. *D.* Young male. L. C. Stewart, Esq. (1846). *E.* Young male. B. H. Hodgson, Esq. (1843).

261. G. STRIOLATUS, Blyth, *J. A. S.* XII, 1000.
SYN. *G. squamatus* apud Jerdon, *Catal.*
HAB. Himalaya, and hilly regions of S. India: rare on the plains.
A. Male. From Central India. C. Fraser, Esq. (1844).

B. Female. Masuri. Capt. Hutton (1849). *C.* Do., from neighbourhood of Calcutta (1844).

262. G. DIMIDIATUS.

SYN. *Picus dimidiatus*, Temminck.
P. vittatus, Vieillot.
P. affinis, Raffles, apud Vigors, in *Zool. App.* to Lady Raffles's Memoir of Sir St. Raffles, p. 668.
G. viridanus, Blyth, *J. A. S.* XII, 1000.

HAB. Arakan; Tenasserim provinces: where common. Java.
A. B. Males. Arakan. Capt. Phayre (1844-5).
C. Female. Arakan. Capt. J. R. Abbott (1845).
D. Young male. Arakan. Capt. Phayre (1844).
E. Do. do. Tenasserim. Rev. J. Barbe (1842).

263. G. OCCIPITALIS (Gould's Century, pl. 47).

SYN. *Picus occipitalis*, Vigors.
P. barbatus, Gray.
P. affinis (*?*), Raffles.

HAB. Himalaya; Assam; Tippera; Tenasserim provinces; Sumatra?

A. Male. *B.* Female. From the N. W. Himalaya. L. C. Stewart, Esq. (1845). *C.* Male, from Tippera. M. Courjon (1846). *D.* Male, from the Tenasserim provinces. Rev. J. Barbe (1841). *E.* Young. Darjiling. Purchased (1849).

264. G. CANUS (Edwards, pl. 65).

SYN. *Picus canus*, L.
P. chloris, Pallas.
P. viridicanus, Meyer.
P. norvegicus, Latham.
P. caniceps, Nilsson.
P. viridis apud Naumann.

HAB. Europe.
A. Male, from Norway. Christiania University (1844).

Division III. (With crested nape).

265. G. FLAVINUCHA.

SYN. *Picus flavinucha*, Gould, *P. Z. S.* 1833, p. 120.
Dryotomus flavigula, Hodgson, *J. A. S.* V, 106.

HAB. S. E. Himalaya; Assam; Arakan.
A. Male. *B.* Female. From Darjiling. Mr. Webb (1845). *C.* Female, from Arakan, Capt. Phayre (1845). *D.* Young. From Darjiling. Purchased (1849).

266. G. CHLOROPUS (Hardw. *Ill. Ind. Zool.*)

SYN. *Picus chloropus* et *chlorolophos*, Vieillot.
P. nipalensis, Gray.
P. xanthoderus, Malherbe.

HAB. Himalaya chiefly; N. India: rare on the plains.
A. Male, from vicinity of Calcutta (1840).
B. Another, from Kutak; purchased (1847).
C. Male. *D.* Female. From Darjiling. Mr. Webb (1844).

267. G. CHLOROPHANES (*J. A. S.* XV, 16).
SYN. *Picus chlorophanes,* Vieillot.
P. chlorigaster, Jerdon, *Madr. Journ.* XIII, 139).
P. mentalis apud Jerdon, *Catal.*
HAB. S. India; Ceylon.
A. Female, from S. India. T. C. Jerdon, Esq. (1844).
B. Do, from Ceylon. Dr. R. Templeton (1846).

268. G. MALACCENSIS (*J. A. S.* XIV, 192.)
SYN. *Picus malaccensis,* Latham.
Le Pic de Malacca, Sonnerat.
HAB. Malayan peninsula.
A. Male. R. W. G. Frith, Esq. (1847). *B.* Male. *C.* Female. Rev. F. J. Lindstedt (1844). *D. E.* Young females. E. Lindstedt, Esq. (1847). All from Malacca.

269. G. MENTALIS (*Pl. Col.* 384).
SYN. *Picus mentalis,* Temminck.
HAB. Tenasserim provinces; Malayan peninsula; Sumatra.
A. B. Specimens from Malacca. R. W. G. Frith, Esq., and E. Lindstedt, Esq. (1847). *C.* Do., Penang. Rev. J. Barbe (1845). *D.* Young, from Malacca. Rev. F. J. Lindstedt (1845).

270. G. PUNICEUS (*Pl. Col.* 423).
SYN. *Picus puniceus,* Horsfield, *Lin. Tr.* XIII, 661.
Chrysonotus miniatus apud Eyton (?), *P. Z. S.* 1839, p. 106.
Tukki Bajukarap or *Belatu,* Malayan (Raffles).
HAB. Tenasserim; Malayan peninsula; Sumatra; Java.
A. B. Males, from Penang. Rev. J. Barbe (1845).
C. Female, from Malacca. Rev. F. J. Lindstedt (1845).

Division IV.

271. G. PYRRHOTIS.
SYN. *Picus pyrrhotis,* Hodgson, *J. A. S.* VI, 108.
HAB. S. E. Himalaya.
A. Male. *B.* Female. From Darjiling. Mr. Webb (1845). *C.* Young, from Nepal. B. H. Hodgson, Esq. (1843). *D.* Another male from Darjiling. Purchased (1849).

272. G. RUBIGINOSUS.
SYN. *Picus rubiginosus,* Eyton (nec Swainson, *B. W. Afr.* II, p. 150).
P. melanogaster, A. Hay, *Madr. Journ.* XIII, 153.

HAB. Malayan peninsula.
A. Male. *B.* Female. From Malacca. Mr. E. Lindstedt (1847).

Genus GECINULUS, Blyth.

273. G. GRANTIA (*J. A. S.* XIV, 192).
SYN. *Picus grantia*, M'Clelland, *P. Z. S.* 1839, p. 165.
HAB. Sikim; Assam.
A. Male. *B.* Female. From Darjiling. Mr. Webb (1845).

Genus MEIGLYPTES, Swainson.

274. M. PECTORALIS (*Pl. Col.*)
SYN. *Picus pectoralis*, Latham.
P. marginatus, Reinwardt.
P. tukki, Lesson.
P. luridus, Nitzsch.
P. fasciolatus, Lichtenstein.
Hemicercus brunneus, Eyton.
HAB. Malayan peninsula.
A. B. Males. *C.* Female. Rev. F. J. Lindstedt (1845). *D.* Female. Mr. E. Lindstedt (1847).

275. M. TRISTIS (*Pl. Col.* 197, f. 1).
SYN. *Picus tristis*, Horsfield.
P. poicilophus, Temminck.
Gláto-Báwán, Malacca: *Tukki Boreh* of Malays, Sumatra: *Platuk-watu*, Java.
HAB. Tenasserim; Malayan peninsula; Sumatra; Java.
A. Male, from Penang. Rev. J. Barbe (1846). *B.* Female. Singapore. M. de Storr (1844). *C.* Another female, from Java. Batavian Society (1846).

276. M. JUGULARIS, Blyth, *J. A. S.* XIV, 195.
HAB. Arracan; Tenasserim.
A. Male. *B.* Female. From Tenasserim. Rev. J. Barbe (1846). *C.* Male, from Arracan. Capt. Phayre (1844).

Genus MICROPTERNUS, Blyth.

277. M. PHAIOCEPS, Blyth, *J. A. S.* XIV, 195.
SYN. *P. rufonotus*, Malherbe.
P. rufus, Latham, apud Gray (nec Gmelin).
Rufous Indian Woodpecker, Latham.
HAB. Bengal; Nepal; Assam; Sylhet; Arracan; Tenasserim provinces.
A. Male. *B.* Female. From the vicinity of Calcutta (1844). *C.* Male. From Tippera. M. Courjon (1845). *D.* Male. *E.* Female. From Mergui. Rev. J. Barbe (1846). *F.* Female. From Kutak. Purchased (1847).

278. M. GULARIS, Jerdon, *Madr. Journ.* XIII, 139.
HAB. Indian peninsula.
SYN. Slight variety of preceding species?
A. B. Males. *C.* Female. T. C. Jerdon, Esq. (1845-8).

279. M. BADIUS.
SYN. *Picus badius*, Raffles.
P. brachyurus, Vieillot.
Tukki Kalabu of Malays (Raffles).
HAB. Malayan peninsula; Sumatra.
A. Male. *B.* Female. From Malacca. Rev. F. J. Lindstedt (1844).

Genus COLAPTES, Swainson.

280. C. AURATUS (*Pl. Enl.* 693).
SYN. *Picus auratus*, L.
HAB. N. America.
A. Male. Mr. Bartlett (1844).

281. C. CAYANNENSIS.
SYN. *Picus cayannensis*, Gmelin.
HAB. S. America.
A. Male. M. Malherbe (1848).

282. C. RIVOLII.
SYN. *Picus Rivolii*, Brisson.
P. elegans, Fraser.
C. hypoxanthus, Blyth, *J. A. S.* XIV, 198.
HAB. S. America (Stà Fé de Bogota).
A. Male. Mr. Bartlett (1846).

Genus CAMPETHERA, G. R. Gray.

283. C. CHRYSURUS.
SYN. *Dendromus chrysurus*, Swainson, *Birds W. Africa*, II, 158.
HAB. S. Africa.
A. Male. Presented by Lord A. Hay (1845).

Subfam. PICINÆ.

Genus DRYOCOPUS, Boie.

284. DR. MARTIUS (*Pl. Enl.* 596).
SYN. *Picus martius*, L.
HAB. Europe; W. Asia.
A. Male. *B.* Female. From Norway. Presented by the Royal University of Christiania (1844).

Genus MELANERPES, Swainson.

285. M. ERYTHROCEPHALUS (*Pl. Enl.* 117).
SYN. *Picus erythrocephalus*, L.
HAB. N. America.
A. Male.

Genus PICUS, L. (as restricted).

286. P. LEUCONOTUS, Bechstein (Naum. 35, t. 65).
SYN. *P. cirris*, Pallas (apud Gray).
HAB. N. Europe.
A. Male. From the Royal University of Christiania (1846).

287. P. HIMALAYANUS, Jardine and Selby *(Ill. Orn.* pl. 116).
SYN. *P. assimilis*, Natterer.
HAB. N. W. Himalaya.
A. Male, from Simla. Capt. Thomas, 39th B. I. (1845). *B*. Female. R. W. G. Frith, Esq. (1841). *C*. Young male, from Simla. L. C. Stewart, Esq. (1845).

288. P. MAJOR, L. (*Pl. Enl.* 196, 595).
SYN. *P. cissa*, Pallas (apud Gray).
HAB. Europe, W. Asia.
A. Male, from England. Mr. Kirtland (1846).

289. P. DARJELLENSIS, Blyth, *J. A. S.* XIV, 196.
SYN. *P. majoroides*, Hodgson.
HAB. S. E. Himalaya.
A. Male. Mr. Webb (1845). *B*. Male. *C*. Female. Mrs. Oakes (1844). From Darjiling. *D*. Female. Nepal. B. H. Hodgson, Esq. (1842). *E. F*. Young. Darjiling. Purchased (1849).

290. P. MEDIUS, Lin. (*Pl. Enl.* 598).
SYN. *P. cynœdus*, Pallas (apud Gray).
HAB. Europe.
A. Male. *B*. Female. Prom France. M. Malherbe (1848).

291 P. MAHRATTENSIS, Latham (Gould's 'Century,' pl. 51).
SYN. *P. hæmosomus*, Wagler.
HAB. India generally (never on the alluvium of Lower Bengal).
A. Male, from Mednapur district (1847). *B*. Do., from Chaibasa. Capt. Tickell (1842). *C*. Female. Upper provinces. L. C. Stewart, Esq. (1845). *D*. Young male; Simla. Capt. Thomas (1845).

292. P. BRUNNIFRONS, Vigors (Gould's 'Century,' pl. 52).
SYN. *P. aurifrons*, Vigors.
HAB. Himalaya.
A. Male, from Nepal. B. H. Hodgson, Esq. (1842). *B*. Male. *C*. Female. From Simla. Capt. Thomas (1845). *D*. Male. *E*. Female. Masuri. Capt. Hutton (1849).

293. P. MACEI, Vieillot (Hardw. *Ill. Ind. Zool*).
SYN. *P. medius* from India, apud Latham.

HAB. Bengal; Nepal; Assam; Tippera; Malayan peninsula. *A*. Male. *B*. Female. *C*. Young male. From the vicinity of Calcutta (1841-3).

294. P. PECTORALIS, Blyth, *J. A. S.* XV, 15.
HAB. ———?
A. Male. Purchased (with some Australian specimens, 1846).

295. P. HYPERYTHRUS, Vigors (Gould's 'Century,' pl. 50).
HAB. Himalaya.
A. Male. *B*. Female. From Darjiling. Mr. Webb (1846). *C*. Male. *D*. Female. From Masuri. Capt. Hutton (1849).

296. P. CATHPHARIUS, Hodgson, *J. A. S.* XII, 1006.
HAB. S. E. Himalaya.
A. Male. *B*. Female. From Darjiling. Mr. Webb (1845). *C*. Young female. From Nepal. B. H. Hodgson, Esq. (1844). *D*. Male. *E. F*. Females. Darjiling. Purchased (1849).

297. P. PUBESCENS, L. (Wilson's *Am. Orn.* pl. 9, f. 4).
HAB. N. America.
A. Male. M. Malherbe (1848).

298. P. MINOR, L.
SYN. *P. pipra*, Pallas (apud Gray).
HAB. Europe, W. Asia.
A. Male, from England. Mr. Kirtland (1846).
B. Do. From France. M. Malherbe (1848).

299. P. RUBRICATUS, Blyth (described as fine old male of No. 302 in *J. A. S.* XIV, 197).
HAB. Sikim.
A. Male, from Darjiling. C. S. Bonnevie, Esq. (1846). *B. C*. Male. *D. E*. Females. Also from Darjiling. Purchased (1849).

300. P. PYGMÆUS, Vigors, *P. Z. S.* 1831, p. 44.
SYN. *P. trisulensis*, Lichtenstein.
HAB. N. W. Himalaya; Nepal.
A. Male. From Masuri. Capt. Hutton (1848).
B. Female. From Nepal. B. H. Hodgson, Esq. (1842).
N. B. Upper tail-coverts spotless black.

301. P. MOLUCCENSIS, Gmelin, (*Pl. Enl.* pl. 748, f. 2).
SYN. *P. bicolor*, Gmelin, apud Gray.
P. zizuki (?), Temminck.
Tripsurus auritus, Eyton.
Tukki lilit, Malayan; Sumatra.
HAB. Malayan peninsula; Java.
A. Male, from Malacca. R. W. G. Frith, Esq. (1847).
B. Do., Malacca. E. Lindstedt, Esq. (1847). *C*. Do.,

from Penang. Rev. J. Barbe (1845). *D.* Do., from Java. Batavian Society (1844).

302. P. CANICAPILLUS, Blyth, *J. A. S.* XIV, 197.
SYN. *Qu.* Permanent variety of No. 301?
HAB. Arakan; Tenasserim Provinces.
A. Male. Capt. Phayre (1844). *B.* Female. Capt. McDonald, 66th N. I. (1845). Both from Arracan. *C.* Male, from Ramree. Capt. Abbott (1844).

303. P. VARIEGATUS, Wagler (nec Latham).
SYN. *P. moluccensis*, var. B, and *Brown Woodpecker*, Latham.
P. moluccensis, Hardw. and Gray, *Ill. Ind Zool.*
P. Hardwickii, Jerdon, *Madr. Journ.* XIII, 138.
Cawnpore Woodpecker, Latham.
HAB. India, southward of the Himalaya.
A. Male, from S. India. T. C. Jerdon, Esq. (1847).
B. Female. From Chaibasa. Capt. Tickell (1842).

304. P. GYMNOPTHALMOS, Blyth, *J. A. S.* XVIII,
HAB. Ceylon.
A. Female. From Ceylon. Presented by E. L. Layard, Esq. (1848).

305. P. VALIDIROSTRIS, Blyth (described and referred to *P. nanus*, Vigors, *J. A. S.* XIV, 197).
HAB.———?
A. Female. Society's old collection.

Genus PICOIDES, Lacepede.

306. P. TRIDACTYLUS.
SYN. *Picus tridactylus*, L.
Picoides europæus, Lesson.
P. crissoleucos, Brandt.
HAB. Northern parts and high mountains of Europe.
A. B. Males, from Norway. Presented by the Royal University of Christiania (1844). *C.* Female, from Switzerland. M. Malherbe (1848).

Subfam. PICUMNINÆ.

Genus PICUMNUS, Temminck.

307. P. MINUTUS (*Pl. Col.* 371, f. 1.)
SYN. *Picus minutus*, Latham.
P. minutissimus, Gmelin.
P. cirratus, Temminck.
P. cayanensis, Lefresnaye.
P. cayanensis minor, Brisson.
HAB. S. America (Guiana, &c.).
A. Male. Mr. Bartlett (1844).

308. P. INNOMINATUS, Burton, *P. Z. S.* 1835, p. 154.
SYN. *Vivia nipalensis*, Hodgson, *J. A. S.* VI, 107.
Wee-Wee, Nepal.
HAB. Himalaya.
A. Male. *B.* Female. From Masuri. Capt. Hutton (1848). C. Male. Darjiling. Purchased (1849). *D.* Female, from Nepal. B. H. Hodgson, Esq. (1843).

Genus SASIA, Hodgson.

309. S. ABNORMIS (*Pl. Col.* 371, f. 3).
SYN. *Picumnus abnormis*, Temminck.
HAB. Malay countries.
A. Male. *B.* Female. From Malacca. Rev. F. J. Lindstedt (1846).

310. S. OCHRACEA, Hodgson, *J. A. S.* V, 778.
HAB. Nepal; Sikim; Assam; Sylhet; Arakan.
A. Male. *B.* Female. From Darjiling. Mr. Webb (1845). *C.* Male (very bright-coloured), from Arakan. Capt. Phayre (1846).

Subfam. YUNCINÆ.

Genus YUNX, Lin.

311. Y. TORQUILLA, L. (*Pl. Enl.* 698).
HAB. Europe and Asia: common in many parts of India.
A. B. Specimens from the vicinity of Calcutta (1844-7). *C.* Do., from Ferozepore. Lieut. Sherwill (1846). *D.* Do., from England. Presented by the Cornish Institution (1846).

Subfam. INDICATORINÆ.

Genus INDICATOR, Vieillot.

312. I. XANTHONOTUS, Blyth, *J. A. S.* XI, 166, XIV, 198 (Jerdon's *Ill. Ind. Orn. pl.*—).
HAB. Sikim.
A. Female, from Darjiling. Presented by Dr. Pearson (1842).

313. I. MINOR, Shaw (Lev. *Ois. d'Afr.* t. 242).
SYN. *I. mininus*, Temminck.
HAB. S. Africa.
A. B. Specimen presented by Lord A. Hay (1845).

Subdivision II. (Perchers).

Fam. MEGALAIMIDÆ.

Genus LÆMODON, G. R. Gray.

314. L. DUBIUS (Leach's *Zool. Misc.* pl. 76).
SYN. *Bucco dubius*, Gmelin.

Pogonias sulcirostris, Leach.
Pogonia erythromelas, Vieillot.
HAB. N. Africa.
A. Specimen received from Mr. Bartlett (1842).

315. L. LEUCOMELAS (Tem., *Pl. Col.* 618); (Leach's *Zool. Misc.*, pl. 116).
SYN. *Bucco leucomelas*, Boddaert.
B. niger, Gmelin.
P. Stephensii, Leach.
Bucco rufifrons, Stephens.
HAB. S. Africa.
A. Specimen presented by Lord A. Hay (1845).

Genus MEGALAIMA, G. R. Gray.

316. M. VIRENS (Gould's 'Century,' pl. 46).
SYN. *B. grandis*, Gmelin.
Bucco virens, Boddaert.
HAB. Himalaya; Assam; Cherra Punji; China.
A. Adult. *B. C*. Young. Presented by Capt. Thomas, 39th N. I. (1845), and R. W. G. Frith, Esq. (1842).

317. M. LINEATA (Tem. *Pl. Col.* 522).
SYN. *B. lineatus*, Vieillot.
B. corvinus, Tem.
Pho-goung, Arracan.
HAB. Deyra Doon; Nepal; Assam; Sylhet; Tippera; Arakan; Tenasserim provinces; Sumatra (apud Vieillot).
A. B. Specimens from the Tenasserim provinces. Presented by the Rev. J. Barbe (1846).
C. Large-beaked individual, from Arakan. Presented by Capt. Phayre (1844).

318. M. CANICEPS (Vail. *Barb.* t. 38, apud Gray).
SYN. *B. lineatus* apud Tickell. *J. A. S.* II, 579.
Bucco caniceps, Franklin.
Burra Bassunta, Central India: *Kootomra*, H.: *Kootoorya*, Mahr.: *Kootur-kakee*, Can.: *Kootooreal*, Cinghalese.
HAB. Indian peninsula, spreading northward to the Deyra Doon. Common in Mednapur jungles, and in Central India: replaced by a smaller and darker race in Ceylon.
A. Specimen from the Doon. Presented by Capt. Thomas, 39th N. I. (1845).
B. Do. Central India: Capt. Tickell (1842).
C. D. Do. From Mednapur jungles; procured by the Curator (1846).

E. Small specimen, from the Nilgiris (not in good order); T. C. Jerdon, Esq. (1845).

F. G. H. Specimens of rather smaller and darker-coloured race from Ceylon (*B. zeylanicus?* (Lin.): R. Templeton, Esq. Colombo (1847).

319. M. VIRIDIS (Jerdon's *Ill. Ind. Orn.*, pl. 26).
SYN. *Bucco viridis*, L.
HAB. Nilgiris; Malabar.
A. Specimen not good), presented by T. C. Jerdon, Esq. (1843).

320. M. FLAVIFRONS (Vail. *Barb.* t. 55).
SYN. *Bucco flavifrons*, Cuv.
B. aurifrons, Temminck.
HAB. Ceylon.
A. B. C. Specimens presented by E. L. Layard, Esq. (1848).

321. M. CHRYSOPOGON, (*Pl. Col.* 285).
SYN. *Bucco chrysopogon*, Temminck.
HAB. Malayan peninsula; Sumatra.
A. Adult. Presented by M. de Storr (1844).
B. Do. R. W. G. Frith, Esq. (1847).
C. Young. E. Lindstedt, Esq. (1847).

322. M. VERSICOLOR (*Pl. Col.* 309).
SYN. *Bucco versicolor*, Raffles.
B. Rafflesii, Lesson.
Takoor, Malacca: *Takoo*, Sumatra (generic).
HAB. Malayan peninsula; Sumatra.
A. B. C. D. Adults. *E.* Young. Presented by J. Mackey, Esq. (1843), and the Rev. J. F. Lindstedt (1845).

323. M. QUADRICOLOR.
SYN. *Bucco quadricolor*, Eyton, *P. Z. S.* 1839, p. 105.
B. malaccensis (?), Hartlaub, *Rev. Zool.* 1842, p. 337.
HAB. Malayan peninsula.
A. B. C. Adults. Presented by Mr. E. Lindstedt and Mr. Frith (1846-8).

324. M. ARMILLARIS (*Pl. Col.* 89, f. 1).
HAB. Malayan peninsula; Java?
A. B. C. Adults. Presented by M. de Storr and the Rev. J. W. Lindstedt (1844-6).

325. M. ASIATICA (Vieillot, *Gal. des Ois.*, t. 35).
SYN. *Trogon asiaticus*, Latham.
Capito cyanocollis, Vieillot.
Bucco cyanops, Cuv.
B. cæruleus, Dumeril.
Burra Bassunt-bairi, Bengal: *Koop-kha-loung*, Arakan.

Hab. Bengal; sub-Himalayan region to Deyra Doon, and valleys of the lower hills; Assam; Sylhet; Tipperah; rare in Arakan.

A. B. Adults. *C.* Young. From the vicinity of Calcutta (1842-4).

326. M. Franklinii.

Syn. *Bucco Franklinii*, Blyth, *J. A. S.* XI, 167.

Hab. S E. Himalaya; Cherra Punji; Assam?

A. B. Adults. *C.* Young. From Darjiling. Presented by Mr. Webb (1845).

327. M. philippensis (Tem. *Pl. Col.* 331).

Syn. *Bucco philippensis*, Brisson.

B. flavigula, Boddaert.

B. indicus, Latham.

B. flavicollis, Vieillot.

B. rubricollis, Cuv.

B. luteus, Lesson (albino variety, Jerdon).

Chota Bassunt bairi, Bengal: *Kut-khora* and *Tambayut* ('Coppersmith'), H.: *Chanda*, Sumatra: *Engku*, Java.

Hab. India generally; nec Himalaya: Tippera; Chittagong; Ramree (Arakan); Tenasserim provinces; Penang; Sumatra; Java; Philippines; Ceylon.

A. B. Adults. *C.* Young from the vicinity of Calcutta (1842-4). *D.* Specimen from Ceylon. E. L. Layard, Esq. (1848).

328. M. rubricapilla (Brown's *Zoology*, pl. 14).

Syn. *Bucco rubricapillus*, Gmelin.

Hab. Ceylon.

A. B. C. Specimen presented by E. L. Layard, Esq. (1849).

329. M. trimaculata (Tem. *Pl. Col.* 536, f. 1).

Syn. *Bucco trimaculatus*, Gray.

B. frontalis, Temminck.

B. Duvaucelei, Lesson.

B. australis apud Raffles (nec Horsfield).

B. cyanotis, Blyth (*J. A. S.* XVI, 465 (Arakan variety).

Nget-pa-din, Arakan.

Hab. Malayan peninsula; Sumatra: with distinct variety in Arakan.

A. B. Adults. *C.* Young. From Malacca. Rev. F. W. Lindstedt (1846).

D. Variety (with green ear-coverts); Malacca. R. W. G. Frith, Esq. (1847).

E. F. Specimens from Arakan (*B. cyanotis*). Presented by Capt. Phayre (1845).

Genus MEGALORHYNCHUS, Eyton.

330. M. HAYII, Gray (apud G. R. Gray).
SYN. *Micropogon fuliginosus*, Temminck.
Calorhamphus sanguinolentus, Lesson.
Megalorhynchus spinosus, Eyton.
Ampis, Sumatra: *Unkot Beseä*, Penang.
HAB. Malayan peninsula; Sumatra.
A. Male. *B*. Female. *C*. Young. M. de Storr (1844).

Fam. RHAMPHASTIDÆ.

Genus RHAMPHASTOS, L.

331. RH. TUCANUS, L. (Gould's *Rhamphastidæ*, pl. 10).
SYN. *Rh. ariel*, Vigors.
HAB. Tropical S. America, especially Brazil.
A. Specimen received from Mr. Bartlett (1844).
B. Another. Presented by Capt. Phayre (1846).

Genus PTEROGLOSSUS, Illiger.

332. PT. HYPOGLAUCUS, Gould (*Rhamphastidæ*, pl. 19, the male).
SYN. *Pt. nigrirostris*, Waterhouse, *P. Z. S.* 1839, p. 3 (the female).
HAB. Columbia.
A. Female, received from Mr. Bartlett (1845).

Fam. MUSOPHAGIDÆ.

Genus MUSOPHAGA, Isert.

333. M. VIOLACEA, Isert (Swainson's 'Birds of W. Africa,' I, pl. 19).
SYN. *Cuculus regius*, Shaw.
HAB. Tropical Africa.
A. Specimen received from Mr. Bartlett (1844).

Genus TURACUS, Cuvier.

334. T. PERSA (Edwards, pl. 7).
SYN. *Cuculus persa*, L.
Corythaix Buffoni, Swainson.
Opœthus africanus, Shaw.
HAB. Tropical Africa.
A. Specimen received from Mr. Bartlett (1844).
B. Do. Presented by Capt. Phayre (1846).

335. T. PURPUREUS (J. and S. *Ill. Orn.* pl. 122; Swainson's *Birds of W. Africa*, I, pl. 4).
SYN. *Corythaix purpureus*, Lesson.
C. Buffoni, Vieillot.
C. senegalensis, Swainson.
HAB. Tropical Africa.
A. Specimen received from Mr. Bartlett (1843.)

Genus COLIUS, Brisson.

336. C. STRIATUS, Gmelin.
HAB. S. Africa; (Lev. *Ois. d'Afr.* pl. 266).
A. Specimen presented by Lord A. Hay (1845).
B. Do., received from Mr. Bartlett (1843).

337. C. MACROURUS (*Pl. Enl.* 282, f. 2).
SYN. *Lanius macrourus*, L.
C. senegalensis, Gmelin.
C. indicus, Latham (young?)
HABI W. Africa.
A. Specimen (with lengthened crest and verditer nape).
B. Do. (with shorter crest and dull bluish nape). Received from Mr. Bartlett (1843).

Division II. (With pedicilate dilated cæca, resembling those of the Owls.)

Fam. CUCULIDÆ.

Subfam. CUCULINÆ.

Genus CUCULUS, L.

338. C. SPARVERIOIDES, Vigors (Gould's 'Century,' pl. 53).
SYN. *Ferruginous-necked Cuckoo* (*?*), Latham.
HAB. Himalaya; Nilgiris; Malayan peninsula.
A. Adult. *B.* Young. From Darjiling. Presented by Mr. Webb (184). *C.* Young (very large), from Malacca. E. Lindstedt, Esq. (1847).

339. C. VARIUS, Vahl (Hardw. *Ill. Ind. Zool.*)
SYN. *C. fugax*, Horsfield.
C. Lathami, Gray.
C. tenuirostris, Lesson.
C. ejulans, Sundevall.
C. nisicolor, Hodgson, variety?
Bhrou and *Bychan Cuckoo*, and the young *Sokagu Cuckoo*, Latham.
Chok-gallo, and *Popiya*, Beng.: *Kupuk*, or *Upuk*, H. (Jerdon). *Kutti pitta* ('Sword bird'), Telugu. *Zuk-kat* (Custom-house bird), Dukhun.
HAB. India generally and Malay countries.
A. Male. *B.* Female. *C. D. E.* Young. From the vicinity of Calcutta (1842-6).
F. Var.? *C. nisicolor*, Hodgson, described *J. A. S.* XII, 943. Injured skin from Nepal. B. H. Hodgson, Esq. (1843). *G.* Young from Macao. Purchased (1842).

340. C. STRIATUS, Drapiez.
SYN. *C. micropterus*, Gould.
C. optatus, Gould, 'Intr. to Birds of Australia.' (Doubtful.)
C. affinis, A. Hay, *J. A. S.* XV, 18 (large variety).

C. flaviventris apud Strickland (?), *J. A. S.* XIII, 390, *Bou-kotáko*, Beng.: *Kyphul-pucka* of hill-men, Masuri (Hutton).

HAB. India generally, and Malay countries: Australia? Rare in S. India.

A. B. Specimens from Darjiling. Purchased (1849). *C.* Female, from near Calcutta (1844). *D.* Large male. *E. F.* Young. From Malacca (*C. affinis*, A. Hay). Rev. F. W. Lindstedt (1846) and Mr. E. Lindstedt (1847). *K. L.* Adults. *M.* Young. Masuri. Capt. Hutton (1849).

341. C. CANORUS, Lin. (Pl. Enl. 811).

SYN. *C. borealis*, Pallas.
C. hepaticus, Sparrman, var.?
P'hu-p'hu, Deyra Doon.

HAB. Europe, Asia, and Africa.

A. Very fine male. Darjiling. Mr. Webb (1845). *B.* Female. Calcutta (1843). *C. D.* Young. Darjiling. Mr. Webb (1845). *E.* Do., Calcutta (1846). *F. G.* Adults, from England. Mr. Bartlett and Mr. Davison (1842). *H.* Imperfectly moulted female. Darjiling. Purchased (1849). *I.* Non-rufous young. Darjiling. Mr. Borlass (1849.)

342. C. HIMALAYANUS, Vigors (nec apud Gould, Century, pl. 54).

SYN. *S. saturatus*, Hodgson, *J. A. S.* XII, 942, XV; 18.

HAB. Himalaya generally: Tenasserim provinces.

A. Specimen from Darjiling. C. S. Bonnevie, Esq. (1846).

343. C. POLIOCEPHALUS, Latham (Gould's Century' pl. 54).

SYN. *C. himalayanus* apud Gould, *Cent.*

HAB. Himalaya: S. India rarely.

A. Adult, in grey plumage. C. S. Bonnevie, Esq. (1846). *B.* Do., in rufous dress. Mr. Webb (1845). *C. D.* Others, in grey and rufous dress. Purchased (1849). All from Darjiling.

344. C. INORNATUS, Vigors and Horsfield (Gould's *B. A.* Vol. IV, pl. 85).

SYN. *Columba pallida*, Latham (J. and S. *Ill. Orn.* 1st series, pl. 67).

HAB. Australia.

A. B. Adults, purchased (1847). *C.* Young, Mr. Templeton (1847).

345. C. NIGRICANS, Swainson (*Zool. Ill.* 2nd series, pl. 7).

HAB. Africa.

A. Specimen presented by Lord A. Hay (1845).

346. C. CINERACEUS, Vigors and Horsfield (J. and S. *Ill. Orn.* 1st. series, pl. 67; Gould's *B. A.* Vol. IV. pl. 86).
HAB. Australia.
A. B. Adults. From the Sydney Institution (1846). *C.* Young. Purchased (1847).

347. C. TENUIROSTRIS, Gray (Hardw. *Ill. Ind. Zool.*).
SYN. *C. flavus* apud Lesson, et Jerdon, *Madr. Journ.* XI, 220: *C. flavus*, Ind. Var.?
C. lineatus (*?*), Lesson, *Traité.*
C. niger apud Blyth, *J. A. S.* XI, 908.
Pousya, Mahr.
HAB. India generally.
A. B. C. D. E. F. G. H. I. J. K. L. M. N. O. Series of specimens in various phases of plumage, from the vicinity of Calcutta (1842-8). *P. Q.* Young. Malacca. R. W. G. Frith, Esq. (1847).

348. C. MERULINUS, Scopoli.
SYN. *C. flavus*, Gmelin.
C. pyrogaster, Drapiez.
Gedasse, Java.
HAB. Malay countries.
A. Adult. Singapore. M. de Storr (1844). *B.* Do. Malacca. Rev. F. W. Lindstedt (1846).

349. C. SONNERATII, Latham.
SYN. *C. rufovittatus*, Drapiez.
C. pravatus, Horsfield.
HAB. S. India and Malay countries.
A. Specimen from Malabar. T. C. Jerdon, Esq. (1842). Do., from Malacca. J. Mackey, Esq. (1844).

Subgenus SURNICULUS, Lesson.

350. S. DICRUROIDES.
SYN. *Pseudornis dicruroides*, Hodgson, *J. A. S.* VIII, 136.
S. lugubris, Ind. Var.?
HAB. India: Tenasserim provinces: Ceylon.
A. B. Specimens from Moradabad. W. Benson, Esq. (1845). Do. from Central India. C. Fraser, Esq. (1845).

351. S. LUGUBRIS.
SYN. *Cuculus lugubris*, Horsfield.
C. albopunctultus, Drapiez.
Awon-Awon, Java.
HAB. Malayan peninsula and archipelago.
A. B. C. D. E. F. Specimens from Penang and Malacca. Presented by M. de Storr (1844), Rev. J. W. Lindstedt (1846), and Mr. E. Lindstedt (1847).

Subgenus CHRYSOCOCCYX, Boie.

BOMBA BRANC OF TH ASIAT

352. CHR. CUPREUS (*Pl. Enl.* 657).
SYN. *Cuculus cupreus*, Boddaërt.
C. auratus, Gmelin.
HAB. S. Africa.
A. Female. Capt. Phayre (1846).

353. CHR. KLASII (Vaill., *Ois. d'Afr.* t., 212; *Swainson, Birds W. Africa*, pl. 21).
SYN. *Cuculus Klasii*, Levaillant.
HAB. S. Africa.
A. Adult. Lord A. Hay (1845). *B.* Young. Society's old collection.

354. CHR. XANTHORHYNCHOS (Horsfield's *Zool. Res. in Java*, pl.)
SYN. *Cuculus xanthorhynchos*, Horsfield.
Lampromorpha amethystina, Vigors, *P. Z. S.* 1831, p. 98.
HAB. Tenasserim provinces: Malayan peninsula and archipelago: Philippines: S. E. Himalaya (? Gray).
A. Specimen from Malacca. R. W. G. Frith, Esq. (1847). *B.* Do., from Java. Batavian Society (1846). *C.* Do., from Mergui, Dr. Helfer (1837).

355. CHR. CHALCITES (?), Temminck (*Pl. Col.* 102, f. 2).
SYN. *Cuculus malayanus* (?), Raffles.
Chr. smaragdinus, Blyth, *J. A S.* XV, 53 (nec Swainson).
Trogon maculatus, Gmelin, Brown's *Ill. Zool.* pl. XIII, fig. *Sup.* (but the specific name quite inapplicable).
HAB. Hill regions of India generally; Arakan; Tenasserim.
A. Adult male. Darjiling. Purchased (1849).
B. Adult female. Society's old collection. *C. D. E. F.* Young and hepatic specimens, from Arakan, Tenasserim, and sub-Himalayan region. Capt. Phayre (1844); and Rev. J. Barbe (1846).

356. CHR. BASALIS.
SYN. *Cuculus basalis*, Horsfield.
HAB. Malayan peninsula and archipelago.
A. Female? Singapore. M. de Storr (1844).

357. CHR. LUCIDUS (Gould's *B. A.* Vol. IV, pl. 89).
SYN. *Cuculus lucidus*, Gmelin.
C. metallicus, Vigors and Horsfield.
HAB. Australia.
A. B. Specimens from the Sydney Institution (1846).
C. Do., H. E. Strickland, Esq. (1847).

Genus EUDYNAMYS, Vigors and Horsfield.

358. EU. ORIENTALIS.
SYN. *Cuculus orientalis*, Lin., the male.
C. punctatus, *C. mindanensis*, *C. scolopaceus* } Lin. } the female.
C. maculatus, Gmelin, }

Var.? *C. indicus*, Latham.
C. niger, Latham (Edwards, pl. 58).
Coël, H.: *Kokil*, Beng.: male—*Tuhu*; female *Chule*, Java: *Cowde-coha*, Cingh.
HAB India, China, and Malay countries.
A. Male. *B. C.* Females. *D.* Young female. From the vicinity of Calcutta (1842-6). *E. F.* Skins of young male and adult female, from Macao, purchased (1843).

259. EU. AUSTRALIS, Swainson (2¼ Centenaries, nec apud Gould, *B. A.* Vol. IV, pl. 91).
HAB. Australia.
A. B. Males, from N. S. Wales; purchased (1846-8). *C.* Female. Babu Rajendra Mallika (1848).

Genus OXYLOPHUS, Swainson.

360. O. GLANDARIUS (Edwards's 'Birds,' pl. 57).
SYN. *Cuculus glandarius*, L.
C. macrourus, Brehm.
C. Andalusiæ, Brisson.
C. pisanus, Gmelin.
HAB. N. Africa; migratory in S. Europe.
A. Male. *B.* Female. Algiers. M. A. Malherbe (1848).

361. O. SERRATUS (figured as the male *Edolio Cuckow* by Shaw).
SYN. *Cuculus serratus*, Sparrman.
C. ater, Gmelin.
C. jacobinus (?), Boddaërt.
HAB. S. Africa (nec India).
A. B. Specimens presented by Lord A. Hay (1845).

362. O. MELANOLEUCOS (figured as the female *Edolio Cuckow* by Shaw).
SYN. *Cuculus melanoleucos*, Gmelin.
C. edolius, Cuvier.
Leptosomus afer apud Franklin and Sykes.
Popiya, Hind.: *Kolu Bulbul*, Beng.: *Golli Kokila* ('Milkman Cuckoo),' Telugu.
HAB. India generally; Ceylon: rare on the eastern side of the Bay of Bengal, and never (?) in the Malay countries.
A. Male. *B.* Female. *C. D. E.* Young. From the vicinity of Calcutta (1842-8).

363. O. COROMANDUS (*Pl. Enl.* 274, f. 2).
SYN. *Cuculus coromandus*, L.
C. collaris, Vieillot.
HAB. India generally and Malay countries.
A. Male. Singapore. M. de Storr (1844). *B.* Do. Calcutta (1844). *C. D.* Young. Calcutta (1848).

Genus Coccyzus, Vieillot.

364. C. minor (*Pl. Enl.* 813).
Syn. *Cuculus minor*, Gmelin.
C. seniculus, Latham.
Hab. W. India Islands: Darien: Florida keys.
A. Specimen presented by H. E. Strickland, Esq. (1847).

Genus Simotes, Blyth.

365. S. albivertex, Blyth, *J. A. S.* XVI, 19, 282.
Hab. Waigou.
A. Specimen presented by T. C. Jerdon, Esq. (1845).

Subfam. PHŒNICOPHAINÆ.

Genus Phœnicophaus, Vieillot.

Cadow (generic), Malacca.

Subgenus DASYLOPHUS, Swainson.

368. D. superciliosus.
Syn. *Ph. superciliosus*, Cuv.
Hab. Philippines.
A. Male? *B.* Female? From the dispersed Macao Museum.

Subgenus PHŒNICOPHAUS.

369. Ph. pyrrhocephalus (Pennant's 'Indian Zoology,' p. 5).
Syn. *Cuculus pyrrocephalus*, Forster.
Ph. leucogaster, Dumeril.
Malkoha, Ceylon (Pennant).
Hab. Ceylon.
A. Specimen presented by E. L. Layard, Esq. (1848).

370. Ph. melanogaster (*Pl. Col.* 349).
Syn. *Cuc. melanogaster*, Vieillot—the young?
Ph. calorhynchos, Temminck.
Hab. Celebes; Moluccas.
A. Specimen presented by the Batavian Society (1846).

371. Ph. curvirostris (Vail. *Ois. d'Afr.* t. 224).
Syn. *Cuculus curvirostris*, Shaw.
Ph. tricolor, Stephens.
Ph. viridis, Vieillot.
Cuculus melanognathus apud Raffles (nec *Ph. melanognathus*, Horsfield).
Inggang Balukar, Sumatra.
Hab. Malay countries.
A. B. Adults. *C.* Young. From Malacca. Rev. F. W. Lindstedt (1846).

Subgenus ZANCLOSTOMUS, Swainson.

372. Z. DIARDI.

SYN. *Melias Diardi*, Lesson.
Phœnicophaus tristis apud Blyth, *J. A. S.* XI, 928.
Cadow Kachie, Malacca.

HAB. Malay countries.
A. B. C. Specimens from Malacca. R. W. G. Frith, Esq. and E. Lindstedt, Esq. (1846-7).

373. Z. SUMATRANUS.

SYN. *Cuculus sumatranus*, Raffles.
Phœnicophus Crawfurdii, Gray.
Sepando, Sumatra.

HAB. Malay countries.
A. B. Specimens from Malacca. Rev. F. W. Lindstedt (1847).

374. Z. TRISTIS (Belanger, *Voy.* pl.).

SYN. *Melias tristis*, Lesson.
Phœnicophaus longicaudatus, Blyth.
Ban Kukil, Beng.: *Wa-pha-lai*, Arakan.

HAB. Bengal, Nepal, Assam, Arakan, Tenasserim provinces, Penang.
A. B. Specimens from Bengal and Tenasserim, the latter presented by the Rev. J. Barbe (1845). *C.* Do., from Penang. Col. Low (1849).

375. Z. VIRIDIROSTRIS, Jerdon (*Ill. Ind. Orn.* pl. 3.)

SYN. *Phœnicophaus Jerdoni*, Blyth.
Kuppra Popya, Hind. *Wamaneh Kaki*, Telugu: *Handi Koota*, Ceylon (Daniell): *Mal caudatta*, Do. (Layard).

HAB. Peninsular India; Ceylon.
A. Specimen from Káták. Purchased (1847). *B.* Do.; S. India. T. C. Jerdon, Esq. (1842). *C.* Do.; Ceylon. Dr. Templeton (1847).

376. Z. JAVANICUS (Horsfield's '*Zool. Res. in Java*', pl.).

SYN. *Phœnicophaus javanicus*, Horsfield.
Coccyzus chrysogaster, Temminck.
C. rubrirostris, Drapiez.
Chalybeate Cuckoo, Latham.
Kaka Apie, Malacca: *Bubut Kembang*, Java.

HAB. Malay countries; Tenasserim.
A. B. Specimens from Malacca. Rev. F. W. Lindstedt (1847). *C.* Do., not fully adult, from Mergui. Rev. J. Barbe (1846).

Genus RHINORTHA, Vigors.

377. RH. CHLOROPHÆA (Belanger, *Voy.* pl. 1, the female).

SYN. *Cuculus chlorophœus*, Raffles.
C. sumatranus, Cuvier.
Phœnicophaus caniceps, Vigors.

Ph. viridirostris, Eyton.
Bubutus Isidorei et *B. Duvaucelei*, Lesson.
Coccyzus badius, Gray.
Anadœnus rufus et *A. rufescens*, Swainson.
Slaya, See-saya, Malacca. *Búbút*, Sumatra.

HAB. Malay countries.
A. B. Males. *C. D.* Females. Rev. F. W. and Mr. E. Lindstedt (1845-7). *E. F. G. H.* Young. Mr. Frith and Mr. E. Lindstedt (1846-8).

Genus TACCOCUA, Lesson.

378. T. INFUSCATA, Blyth, *J. A. S.* XIV, 200.
HAB. Tarai region bordering on Nepal and Sikim.
A. Specimen from the Tarai region near Darjiling. Mr. Webb (1845).

379. T. AFFINIS, Blyth, *J. A. S.* XV, 19.
HAB. Central India; Mednapur jungles; Rajmahl; Monghyr.
A. Specimen from the Rajmahl hills. L. C. Stewart, Esq. (1846). *B.* Another, procured near Mednapur (1847).

380. T. SIRKEE (Hardwicke's *Ill. Ind. Zool.*)
SYN. *Centropus sirkee*, Gray.
C. cuculoides, C. W. Smith, *J. A. S.* X, 658.
Coccyzus chrysogaster of Royle's list.
HAB. Vicinity of Cawnpore; Deyra Doon.
A. Specimen from Cawnpore, Capt. McDonald (1845).
B. C. Do., from Deyra Doon. Capt. Hutton (1849).

381. T. LESCHENAULTII, Lesson.
SYN. *Zanclostomus sirkee* apud Jerdon, *Catal.*
HAB. S. India.
A. B. C. Specimens presented by T. C. Jerdon, Esq. (1843-5).
N. B. The foregoing four races may prove to be local varieties of a single species.

Genus CROTOPHAGA, Lin.

382. CR MAJOR, Gmelin (*Pl. Enl.* 102, f. 1).
HAB. W. Indies and neighbouring mainland.
A. Specimen received from Mr. Bartlett (1843).

383. CR. ANI, L. (*Pl. Enl.* 102, f. 2).
SYN. *C. lævirostra* et
C. rugirostra, Swainson.
HAB. W. Indies, and neighbouring mainland.
A. Specimen received from Mr. Bartlett (1843).

Genus CENTROPUS, Illiger.

Mahúka, Hind.: *Kúka*, Beng.: *Atte Cuccula*, Cingh.: *Boop*, Arakan: *Búbút*, and *Kradok*, Malay:

384. C. EURYCERCUS, A. Hay (*J. A. S.* XIV, 551).

SYN. *Cuculus bubutus* apud Raffles (nec *Centropus bubutus*, Horsfield).

HAB. Malayan peninsula; Sumatra.

A. Fine specimen, from Malacca. R. W. G. Frith, Esq. (1847). *B. C.* Others, from Malacca. E. Lindstedt, Esq. (1846).

385. C. PHILIPPENSIS, Cuvier (Horsfield's '*Zool. Res. in Java*', pl.).

SYN. *Cuculus ægyptius*, var. γ, Latham.

Corydonyx pyrrhopterus, Vieillot.

Centropus bubutus, Horsfield.

C. castanopterus, Stephens.

C. fasciatus, C. W. Smith, *J. A. S.* X, 659.

Var. *Polophilus sinensis*, Stephens.

HAB. S. E. Asia and its Archipelago.

A. B. C. D. E. F. G. Specimens in various phases of plumage, from the vicinity of Calcutta (1842-6). *H.* Do., from Chusan (*P. sinensis*, Stephens). J. McClelland, Esq. (1845). *I. J.* Ceylon variety. E. L. Layard, Esq. (1849).

386. C. CHLORORHYNCHOS, Blyth, *J. A. S.* XVIII,

HAB. Ceylon.

A. Specimen presented by E. L. Layard. Esq. (1848).

387. C. VIRIDIS (Brown's *Zoology*, pl. XIII, fig. *infra*).

SYN. *Cuculus viridis*, Scopoli.

C. bengalensis, Latham.

C. tolu apud Raffles.

C. lepidus et *C. affinis*, Horsfield.

C. pumilus, and probably *C. melanops*, Lesson.

C. dimidiatus, Blyth, *J. A. S.* XII, 945.

C. rectunguis, Strickland, *Ann. Mag. N. H.* XIX, 134.

Polophilus Lathami (?), Leach.

HAB. India generally and Malay countries, more abundant in the latter.

A. B. C. D. E. F. Specimens in various phases of plumage, from the vicinity of Calcutta, Katák, central India, and Malacca. Capt. Tickell, J. Shave, Esq., and E. Lindstedt, Esq. (1842-6).

388. C. PHASIANINUS (Gould's *B. A.* Vol. IV, pl. 92).

SYN. *Cuculus phasianinus* et *phasianus*, Latham.

HAB. Australia.

A. Adult. *B.* Young. Purchased (1847).

389. C. BICOLOR, Lesson.
SYN. *C. celebensis*, Quoy and Gaymard, Voy. de l'Astrolabe.
HAB. Celebes; Moluccas.
A. Specimen presented by the Batavian Institution (1845).

Fam. TAMATIADÆ.

Genus MONASA, Vieillot.

390. M. TRANQUILLA (*Pl. Enl.* 512).
SYN. *Corvus tranquillus*, *Bucco cinereus*, *Cuculus australis* } Gmelin.
HAB. Guiana.
A. Specimen from Mr. Bartlett (1843).

Genus MALACOPTILA, G. R. Gray.

391. M. FUSCA.
SYN. *Bucco fuscus*, Gmelin.
B. striatus, Spix.
Lypornyx torquatus, Hahn.
HAB. Tropical S. America.
A. Specimen received from Mr. Bartlett (1843).

Genus TAMATIA, Cuvier.

392. T. CHACURA, Vieillot (*Pl. Col.* 94).
SYN. *T. strigilatus*, Lichtenstein.
T. melanotus, Temminck.
T. leucotis, Shaw.
HAB. Tropical S. America.
A. Specimen from Mr. Bartlett (1843).

Fam. TROGONIDÆ.

Genus CALURUS, Swainson.

393. C. RESPLENDENS (Gould's Monogr. pl. 21).
SYN. *Trogon resplendens*, Gould.
Tr. pavoninus, Tem. (nec Spix), *p. c.* 372.
HAB. Central S. America (vide *P. Z. S.* 1837, p. 101).
A. Specimen from Mr. Bartlett (1848).

Genus TROGON, L. (as restricted).

394. TR. CURUCUI (?), L. (*Pl. Enl.* 452).
SYN. *Tr. melanurus* (?), Swainson.
HAB.
A. Female (?), Mr. Bartlett (1845).

395. TR. (Allied to *Tr. mexicanus*, Swainson).
HAB. ——— ?
A. Female. Mr. Bartlett (1843).

Genus HARPACTES, Swainson.

396. H. HODGSONII, Gould (*Mon. Trogonidæ*, pl. 34).
Htoo-ta-roo, Arakan.
HAB. Nepal; Assam; Sylhet; Arakan.
A. B. C. D. Males. *E. F.* Females. From Sikim and Arakan. Capt. Phayre, Mrs. Saxon, and Mr. Webb (1844-6).

397. H. KASUMBA (Gould's *Mon. Trogonidæ*, pl. 29).
SYN. *Trogon kasumba*, Raffles.
Tr. condea, Cuvier.
Tr. fasciatus, Tem. (nec Pennant).
Tr. Temminckii, Gould.
Kasumba, Sumatra.
HAB. Malayan peninsula; Sumatra.
A. B. Adult males. *C. D. E.* Young males, or females? From Malacca. Rev. F. W. and Mr. E. Lindstedt (1845-7).

398. H. DIARDI (Gould's *Mon. Trogonidæ*, pl. 30).
Gumsoba, Kuna somba (Kasumba?), Malacca.
HAB. Malayan peninsula; Sumatra.
A. B. Males. *C. D.* Females. From Malacca. J. Mackey, Esq. and R. W. G. Frith, Esq. (1843-7).

399. H. FASCIATUS (Gould's *Mon. Trogonidæ*, pl. 31).
SYN. *Trogon fasciatus*, Pennant.
Tr. malabaricus, Gould.
Kúfni Churi of some, Hind.: *Kurna*, Mahr.: *Kakurni Kukki*, Can.
HAB. Peninsula of India; Ceylon.
A. B. Males, from S. India (not good). T. C. Jerdon, Esq. (1844-8).

400. H. RUTILUS (Gould's *Mon. Trogonidæ*, pl. 32).
SYN. *Trogon rutilus*, Vieillot.
Tr. cinnamomeus (?), Temminck.
T. Duvaucelei, Temminck.
T. fasciatus, var. B., Latham.
Ramguba, Malacca.
HAB. Malayan peninsula; Sumatra.
A. B. Males. *C. D.* Females. From Malacca. Rev. J. Barbe (1845), and R. W. G. Frith, Esq. (1847).

401. H. ORESKIOS (Gould's *Mon. Trogonidæ*, pl. 36).
SYN. *Trogon oreskios*, Temminck.
HAB. Arakan; Tenasserim provinces.
A. B. C. D. Males. *E. F.* Females. Capt. Phayre (1845-6), E. O'Ryley, Esq. (1847).

Fam. CAPRIMULGIDÆ.

Subfam. PODARGINÆ.

Genus PODARGUS, Cuvier.

402. P. STRIGOIDES?
SYN. *Caprimulgus strigoides* (?), Latham (Gould's *B. A.* Vol. II, pl. 3).
P. humeralis (?), Vigors and Horsfield, *Lin. Tr.* XV, 198.
HAB. N. S. Wales.
A. Specimen from Port Philip, presented by Mr. Benson (1846).
(*N. B.* This specimen (together with another) resembles Mr. Gould's figure of *P. strigoides* in size and proportions, but with the middle tail-feathers divaricated at their tips, as in his figure of *P. plumifer*, and the colouring is as ashy as in that of *P. Cuvieri*).

403. P. AURITUS, Vigors (Gould's *Icones Avium*).
SYN. *Bombycistoma Fullartonii*, Hay, *J. A. S.* X, 573.
HAB. Malayan peninsula.
A. Specimen described *J. A. S.* XI, 798. Presented by R. W. G. Frith, Esq. (1842).
B. Do., very young. Also presented by R. W. G. Frith, Esq. (1847).

404. P. JAVANENSIS, Horsfield (Tem. *Pl. Col.* 159; Horsfield's *Zool. Res. in Java*).
SYN? *P. cornutus*, Tem. (the adult?).
HAB. Malayan peninsula, Java.
A. Adult (?), from Java. Presented by the Batavian Society (1845).
B. Young (?), from Malacca. Presented by Mr. E. Lindstedt (1844).

405. P. AFFINIS, Blyth, *J. A. S.* XVI, 1180.
HAB. Malayan peninsula.
A. Specimen described, *loc. cit.* Presented by R. W. G. Frith, Esq. (1847).

B. C. Heads, wings, and tails, of two specimens of a nearly allied but distinct species. From Darjiling. Presented by the Curator(1849).

Genus ÆGOTHELES, Vigors and Horsfield,

406. Æ. NOVÆ HOLLANDIÆ (Gould's *B. A.* Vol. II, pl. 1).
SYN. *Caprimulgus Novæ Hollandiæ* et *C. vittatus*, Latham.
C. cristatus, Shaw, in 'White's Voyage,' pl. 29.

Æ. lunulatus, Jardine and Selby, *Ill. Orn.* 1st series, pl. 149.

Æ. australis, Swainson, *Class. Birds*, II, 338.

HAB. E. and S. Australia, V. D. Land.

A. Specimen purchased (1847).

Subfam. CAPRIMULGINÆ.

Genus EUROSTOPODUS, Gould.

407. EU. CERVINICEPS (Gould's *Icones Avium*).

SYN. *Lyncornis cerviniceps*, Gould.

Twun-dweng-nghat, Arakan.

HAB. Burmese countries.

A. Specimen from Arakan. Presented by Capt. Phayre (1844). *B.* Do. do. Wings expanded. Presented by Do. (1846).

408. EU. TEMMINCKII (Gould's *Icones Avium*).

SYN. *Lyncornis Temminckii*, Gould.

Caprimulgus imberbis, Temminck.

C. pulcher, A. Hay, *Madr. Journ.* XIII, 161.

HAB. Malayan peninsula, Java.

A. Specimen from Malacca. Presented by M. de Storr (1843). *B.* Do., from Java. Presented by the Batavian Society (1845).

Genus CAPRIMULGUS, Lin.

Chippuk,* H.; vulgo *Dubchooree*, or *Dubhuk-choori*, also *Undhe-chooree*, Beng.: *Tukang*, Malayan; *Uget pyeen*, Arakan; *Kuppo pitta* (Frog bird), Telugu;—*As kappri gadu*, Telinga.

409. C. INDICUS, Latham (Jerdon's *Ill. Ind. Orn.* pl. 24).

SYN. *C. cinerascens*, Vieillot.

C. innotatus, Hodgson (*juv.*)

HAB. India generally, Malayan peninsula.

A. Male, from Calcutta Botanic Garden; wings expanded (very like *C. europæus* in colouring. 1845). *B.* Another male, from Botanic Garden (1846). *C. D.* Females, from Botanic Garden (1846-7). *E.* Large female (?), with white on tail-feathers (noticed *J. A. S.* XIV, 208). Wing 8½ in. Old collection. *F.* Small male, from the Nilgiris (noticed in note to *J. A. S.* XIV, 208). Wing 7¼ in. Presented by T. C. Jerdon, Esq. (1842). *G.* Bad skin of young, sent as *C. innotatus*, Hodgson. Presented by B. H. Hodgson, Esq. (1843).

* This name is applied in Bengal to *Micrastur badius*, *No.* 98.

410. C. EUROPÆUS, Lin. (*Pl. Enl.* 195).
SYN. *C. punctatus*, Meyer.
C. vulgaris, Vieillot.
HAB. Europe, N. Africa.
A. B. Male and female, from Norway. Presented by the Royal University of Christiania (1846). *C.* Female, from England. Received from Mr. W. Davison of Alnwick (1845).

411. C. ALBONOTATUS, Tickell, *J. A. S.* II, 580.
SYN. *C. gangeticus*, Blyth, mentioned *Ann. Mag. N. H.* 1843, p. 95.
C. macrourus apud Blyth, *J. A. S.* XI, 586.
C. nipalensis, Hodgson, Gray, *Zool. Misc.*
HAB. Northern and Central India: common in Lower Bengal.
A. Dark-coloured male. Wings expanded (1842). *B. C.* Ordinary male and female (1844). *D. E.* Male and pale rufescent female (1847). All from the vicinity of Calcutta.

412. C. MACROURUS, Horsfield (Gould's *B. A.* Vol. II, pl. 9).
HAB. Arakan, Tenasserim, Malacca, Java, N. Australia: Very rare in Lower Bengal.
A. Male, from the vicinity of Calcutta (1847). *B.* Do., quite similar, from Malacca. Wings expanded. Presented by R. W. G. Frith, Esq. (1847). *C.* Do., much darker, from Malacca. Presented by the Rev. F. W. Lindstedt (1845). *D.* Do., from Tenasserim. Presented by the Rev. J. Barbe (1846). *E.* Female, from Arakan. Presented by Capt. Phayre (1845).

413. C. MAHRATTENSIS, Sykes, *P. Z. S.* 1832, p. 83.
SYN. *C. atripennis*, Jerdon, *Ill. Ind. Orn.*, art. *C. asiaticus*.
C. asiaticus, var. C. (?), Latham.
HAB. S. India, Ceylon.
A. Male, from Ceylon. Wings expanded. Presented by E. L. Layard, Esq. (1848). *B. C.* Male and female, from do. Presented by R. Templeton, Esq. (1846-7).

414. C. RUFICOLLIS, Temminck.
SYN. *C. rufitorques*, Vieillot.
HAB. N. Africa, S. Europe.
A. Female, from Algiers. Presented by M. Malherbe (1848).

415. C. ASIATICUS, Latham (Vaill. *Ois. d'Afr.*, t.; Hardw. *Ill. Ind. Zool.*)
SYN. *C. pectoralis*, Cuv.
Bombay Goatsucker, Latham.
Bacca-meena, Cingh.

HAB. India generally.
A. Female. Wings expanded (1842). *B. C.* Male and female (1843). From the vicinity of Calcutta. *D.* Young, from Allahabad. Presented by L. C. Stuart, Esq. (1846).

416. C. MONTICOLUS, Franklin, *P. Z. S.* 1831; p. 116.
SYN. *Great Bombay Goatsucker*, Latham.
HAB. India generally, Arakan (Ramree).
A. B. Male and female, from the vicinity of Calcutta (1845-7). *C.* Female, from Madras. Presented by T. C. Jerdon, Esq. (1846).

417. C. AFFINIS, Horsfield.*
HAB. Java.
A. Male. Presented by the Batavian Society (1845).

Fam. CYPSELIDÆ.

Subfam. CYPSELINÆ.

Genus ACANTHYLIS, Boie.

418. AC. CAUDACUTA.
SYN. *Hirundo caudacuta*, Latham.†
Cypselus giganteus, Temminck.
HAB. Nilgiris, Ceylon, Malayan peninsula, rarely Arakan.
A. Specimen from the Nilgiris. Presented by T. C. Jerdon, Esq. (1842). *B.* Do., from Ceylon. Presented by R. Templeton, Esq. (1846). *C.* Do., from Penang, described *J. A. S.* XI, 885-6. Presented by T. C. Jerdon, Esq. (1842). *D.* Do., from Arakan. Presented by Capt. Phayre (1844).

419. AC. FUSCA (Gould's *B. A.* Vol. II, pl. 10; Swainson's *Zool. Ill., n. s.*, pl. 42; Delessert, *Souvenirs*, &c., pt. 2, pl. 9, and *Mag. de Zool.* 1840, *Ois.* pl. 20).
SYN. *Hirundo fusca*, Shaw.
Chætura australis, Stephens.
Ch. macroptera, Swainson, *Zool. Ill.*
Ch. nudipes, Hodgson, *J. A. S.* V, 779.
Cypselus leuconotus, Delessert.
Acanthylis caudacuta, (Lath.) apud Gould, *loc. cit.*

* A diminutive of *C. monticolus*. Wing 6¼ in.
† "Throat very pale dusky." Latham.

HAB. S. E. Himalaya, and Australia (at least as figured by Mr. Swainson and by Mr. Gould).

A. Specimen, from Bootan. Presented by Capt. Pemberton (1839). *B.* Do., from Nepal. Presented by B. H. Hodgson, Esq. (1842).

420. AC. LEUCOPYGIALIS, Blyth, *J. A. S.* XVIII.

HAB. Malayan peninsula.

A. Specimen from Penang. Mr. J. Prosser (1848).

Genus CYPSELUS, Illiger.

421. C. MELBA (Edwards, pl. 27).

SYN. *Hirundo melba*, Lin.
H. alpina, Scopoli.
Cypselus gutturalis, Vieillot.
C. gularis, Stephens.

HAB. Mountainous regions of the S. of Europe, Asia, and Africa. Rare in the British islands. Common in Central India, Nilgiris, &c.

A. Specimen, from the Nilgiris. Presented by T. C. Jerdon, Esq. (1842). *B.* Do., from the Pyrenees. Wings expanded. M. Malherbe (1848).

422. C. APUS (*Pl. Enl.* 542, fig. 1).

SYN. *Hirundo apus*, Lin.
Cypselus murarius, Tem.

HAB. Europe and W. Asia: common in Afghanistan.

A. B. C. Specimens from England. Presented by H. E. Strickland, Esq. and Mr. Bartlet (1843-7),

423. C. VITTATUS, Jardine and Selby (*Ill. Orn.* 2nd series, pl. 39).

HAB. S. E. Asia, as China, and the Malayan peninsula and archipelago: common at Penang. N. W. Himalaya.

A. Specimen from Penang; described *J. A. S.* XI, 886. Presented by T. C. Jerdon, Esq. (1842). *B.* Do., from the Tyne range N. of Simla. Capt. Hutton (1849).

424. C. LEUCONYX, Blyth, *J. A. S.* XIV, 218.

HAB. India generally: rare.

A. Specimen from the vicinity of Calcutta. Presented by Willis Earle, Esq. (1844).

425. C. SUBFURCATUS, Blyth, *J. A. S.* XVIII,

SYN. *C. affinis*, var., Strickland, *P. Z. S.* 1846, p. 99.

HAB. Malayan peninsula.

A. B. Specimens (in bad order). Col. Low (1848).

426. C. AFFINIS, Gray (Hardw. *Ill. Ind. Zool*).

SYN. *C. nipalensis*, Hodgson, *J. A. S.* V, 780.
C. montanus, Jerdon, *Madr. Journ.* XIII, 144.*
Ababil, Hind.

HAB. Plains and lower hills of India generally; rare in the Dukhun: Ceylon.

A. Specimen, with wings expanded. *B. C.* Do. Male and female. All from the vicinity of Calcutta (1842-4).

427. C. BALASIENSIS, Gray (Hardw. *Ill. Ind. Zool*).

SYN. *C. palmarum*, Gray.

HAB. Most parts of India: wherever the *Borassus* grows, to the fronds of which it affixes its nest. Arakan (Ramree). Common in Ceylon.

A. B. C. Specimens from the vicinity of Calcutta. *D. E.* Nests from do. (1842-7).

Genus COLLOCALIA, G. R. Gray.

428. C. NIDIFICA.

SYN. *Hirundo nidifica*, Latham.
H. esculenta apud Horsfield.
H. fuciphaga apud Shaw.
H. brevirostris, McClelland, *P. Z. S.* 1839, p. 155.
H. unicolor, Jerdon, *Madr. Journ.* XI, 238; referred to *Cypselus, ibid.* XIII, 173; and termed *C. concolor, J. A. S.* XI, 886.
Wahalæna, Cingh.

HAB. Nilgiris, Ceylon, Sikim, Assam; and Malay countries.

A. B. Specimens from Darjiling. Presented by Mr. Webb (1841), and purchased (1849). *C.* Do., from the Nilgiris. Presented by T. C. Jerdon, Esq. (1842). *E. F. G.* Do., from Ceylon. E. L. Layard, Esq. (1849).

429. C. FUCIPHAGA.

SYN. *Hirundo fuciphaga*, Thunberg.

HAB. Rocky coasts bordering the Bay of Bengal, and of Malayan peninsula and archipelago.

A. B. Specimens from the Nicobar Islands. Presented by Capt. Lewis (1844). *C.* Specimen from Java. Presented by the Batavian Society (1845). *D.* Nests. From Islets off the S. coast of Arakan, Capt. Phayre (1836).

* Such was certainly the specimen sent to the Society as this by Mr. Jerdon: it had the primaries growing.

Subfam. MACROPTERIGIINÆ.

Genus MACROPTERYX, Swainson.

430. M. CORONATUS.
SYN. *Hirundo coronata*, Tickell, *J. A. S.* II, 580, XV, 21.
M. klecho of India, Auctorum.
HAB. Jungles of Central and S. India, and of Ceylon.
A. Male (not good), from S. India. Presented by T. C. Jerdon, Esq. (1843). *B. C.* Male and female (not good), from Central India. Presented by C. Fraser, Esq. (1845). *D.* Female, from Ceylon. E. L. Layard, Esq. (1848).

431. M. KLECHO (Swainson's *Zool. Ill., n. s.*, pl. 74).
SYN. *Hirundo klecho*, Horsfield.
Cypselus longipennis, Temminck.
HAB. Malayan peninsula, Java.
A. B. Male and female, from Malacca. Presented by Mr. E. Lindstedt (1846). *C.* Female, from Java. Presented by the Batavian Society (1845).

432. M. COMATUS (*Pl. Col.* 268).
SYN. *Cypselus comatus*, Temminck.
HAB. Eastern Malasia: Sumatra?
A. Specimen presented by the Batavian Society (1845).

Fam. TROCHILIDÆ.

Genus TROCHILUS, L. (retained provisionally as unsubdivided).

433. TR. GIGAS, Vieillot (Lesson, *Ois. Mouch.*, pl. 3).
SYN. *Ornismya tristis*, Lesson.
(Subgenus PATAGONA, G. R. Gray.
HAB. Chili.
A. Specimen received from Mr. Bartlett (1843).

434. TR. LATIPENNIS, Latham (Lesson, *Ois. Mouch.* pl. 31).
SYN. *Tr. campylopterus*, (Swainson).
(Subgenus CAMPYLOPTERUS, Swainson).
HAB. Guiana; Tobago.
A. Female, received from Mr. Bartlett (1843).

435. TR. PELLA, L. (Lesson, *Ois. Mouch.* pl. 2, 3, 4, 5).
Subgenus TOPAZA, G. R. Gray.
HAB. Guiana; Cayenne.
A. Female. Mr. Bartlett (1843).

436. Tr. ater, Pr. Max. (Swainson's *Zool. Ill.* 2nd series, pl. 82).
Syn. *Tr. niger*, Swainson.
Tr. lugubris, Lesson.
Subgenus LAMPORNIS, Swainson,
Hab. Brazil.
A. Specimen presented by H. E. Strickland, Esq. (1849).

437. Tr. rubineus, L. (Lesson, *Ois. Mouch.* pl. 44, 45, 46).
Hab. Brazil.
A. Specimen presented by Capt. Phayre (1847).

438. Tr. mesoleucos, Tem. *(Pl. Col.* 317).
(Subgenus TROCHILUS apud Swainson).
Hab. Brazil.
A. Young male (?), presented by H. E. Strickland, Esq. (1849).

439. Tr. mazeppa, Lesson (*Ois. Mouch.* pl. 3).
(Subgenus PHŒTHORNIS, Swainson).
Hab. French Guiana.
A. Specimen presented by H. E. Strickland, Esq. (1849).

440. Tr. galeritus, Molina (*Ois. Mouch.* pl. 14).
Syn. *Tr. Kingii*, Vigors.
Tr. sephanoides, Lesson.
(Subgenus SEPHANOIDES, Lesson).
Hab. Chili.
A. Specimen purchased (1843).

441. Tr.
(Subgenus CYNANTHUS, Swainson).
Hab. Peru.
A. Specimen purchased (1843).

442. Tr.
Hab.
A. Specimen presented by H. E. Strickland, Esq. (1849).

443. Tr. angustipennis (?), Fraser, *P. Z. S.* 1840, p. 18.
Hab.
A. Specimen received from Mr. Bartlett (1846).

(N. B. The three foregoing species are nearly affined, but distinct).

444. Tr. platycercus, Swainson.
(Subgenus MELLISUGA? Brisson, G. R. Gray).
Hab. Mexico.
A. Specimen presented by H. E. Strickland, Esq. (1847).

445. Tr. MAGNIFICUS, Vieillot (Lesson, *Ois, Mouch.* pl. 42, 43).
SYN. *Ornismya strumaria*, Lesson.
(Subgenus LÓPHORNIS, Lesson).
HAB. Brazil.
A. B. Young males. Mr. Bartlett (1846).

446. TR. MOSCHITUS, L. (Lesson, *Ois. Mouch.* pl. 52, 53, 54).
(Subgenus CHRYSOLAMPIS, Boie).
HAB. W. Indies.
A. B. C. Males, received from Mr. Bartlett (1846).

Suborder PASSERES, L. (modified).

Fam. CORVIDÆ.

Subfam. CORVINÆ.

(A. CROWS.)

Genus CORVUS, Lin.

447. C. CORAX, L. (*Pl. Enl.* 495.)
HAB. Northern portion of Europe, Asia, and America: never India.
A. Specimen presented by the Christiania University (1844). *B.* Do. Presented by Mr. W. Davison (1845).

448. C. CULMINATUS, Sykes (Hardwicke's *Ill. Ind. Zool.*, head only).
SYN. *C. orientalis*, Eversmann.
C. corone, var., Franklin.
C. corax of Sumatra? Raffles.
Dánd kág, Beng.: *Dhar kowa*, "*Dheri kowa* or *kurrial*" (Jerdon), Hind.: *Pahari kowa*, Deyra Doon: *Burong gaga-gaga*, Malayan.
HAB. India generally; Ceylon; Assam; Arakan; Tenasserim; Malayan peninsula; Sumatra?: also N. Asia (Eversmann). 'Raven' of Europeans in India.
A. B. Specimens, male and female, from the vicinity of Calcutta (1842-4). *C.* Specimen from Malacca. Presented by R. W. G. Frith, Esq. (1847).

449. C. CORONE, L. (*Pl. Enl.* 495).
HAB. Europe; N. Asia? Japan? China?
A. B. Specimens from Englaud. Presented by Mr. W. Davison (1845).

450. C. CORNIX, L. (*Pl. Enl.* 76).
HAB. N. Europe, and N. W. Asia; Japan (Temminck).
A. B. Specimens from England. Presented by Mr. W. Davison (1845).
C. Specimen from Norway: intermediate in colouring to *C. cornix* and *C. corone*. Presented by the Christiania University (1845).

451. C. SPLENDENS, Vieillot (*Pl. Col.* 425).
Kág or *Kák*, Beng.: *Kowa*, or *Pátí kowa* (i. e. 'Common Crow'), Hind. *Dasi kowa*, Deyra Doon: *Cac-co*, Cingh.
HAB. India generally; Assam, Sylhet, Chittagong, and northernmost part only of Arakan, where its occurrence is of recent date.
A. B. Specimens, male and female. Procured in Calcutta (1842-6). *C.* Semi-albino specimen, presented by Willis Earle, Esq. (1847). *D. E.* Dark variety from Ceylon: Presented by E. L. Layard, Esq. (1848).

452. C. MACRORHYNCHOS, Vieillot.
SYN. ? *Fregilus enca*, Horsfield.
HAB. Vicinity of Straits of Malacca.
A. B. Two specimens, from Malacca. Presented by the Rev. F. W. Lindstedt (1844).

453. C. FRUGILEGUS, L. (*Pl. Enl.* 484).
HAB. Europe; Afghanistan; Kashmír; Japan (Temminck).
A. B. C. Specimens from England. Presented by the Cornish Institution (1846).

454. C. MONEDULA, L. (*Pl. Enl.* 523).
HAB. Europe; Middle Asia; Kashmír; N. Africa.
A. B. Specimens from England. Presented by Mr. W. Davison (1845).

(B. NUTCRACKERS.)

Genus NUCIFRAGA, Brisson.

455. N. HEMISPILA, Vigors (Gould's 'Century,' pl. 36).
HAB. Himalaya.
A. B. Specimens presented by R. W. G. Frith, Esq. (1843-6). *C.* Young, imperfectly moulted: from Darjiling. Presented by C. S. Bonnevie, Esq. (1847). *D.* Another. Simla. Capt. Hutton (1849).

456. N. CARYOCATACTES (*Pl. Enl.* 50).
SYN. *Corvus caryocatactes*, L.
Caryocatactes nucifraga, Nilsson.
HAB. Northern and Alpine regions of Europe, and of N. Asia, as far as Kamtschatka.
A. B. Male and female, from Norway. Presented by the Christiania University (1846). *C.* Specimen from France. Presented by M. Alfred Malherbe (1848).

(C. CHOUGHS.)

Genus PYRRHOCORAX, Vieillot.

457. P. ALPINUS, Vieillot (*Pl. Enl.* 35).
SYN. *Corvus pyrrhocorax*, L.

HAB. Alps, Himalaya, and other lofty mountain chains of Europe and Asia.

A. Specimen from Bootan. Presented by Capt. Pemberton (1839). *B.* Do., from the Pyrenees. Presented by M. Alfred Malherbe (1848).

Genus FREGILUS, Cuv.

458. FR. GRACULUS (*Pl. Enl.* 255).

SYN. *Corvus graculus*, L.
C. erythrorhamphus, Vieillot.
Fr. europæus, Lesson.
Fr. erythropus, Swainson.

HAB. Lofty mountain ranges of Europe and Asia: also high cliffs overhanging the sea.

A. B. Specimens from Simla. Capt. Hutton (1849).

Subfam. GARRULINÆ.

(A. MAGPIES.)

Genus PICA, Brisson.

459. P. BOTTANENSIS, Ad. Delessert.

SYN. *P. megaloptera*, Blyth, *J. A. S.* XI, 193.

HAB. Bootan.

A. Specimen presented by Capt. Pemberton (1839).

460. P. MEDIA, Blyth, *J. A. S.* XIII, 393 (1844).

SYN. *P. sericea*, Gould, *P. Z. S.* 1845, p. 2.

HAB. China.

A. Specimen purchased (1843).

461. P. CAUDATA, Ray (*Pl. Enl.* 488).

SYN. *P. melanoleuca*, Vieillot.

HAB. Europe, N. Asia, and N. America west of the Rocky mountain range: variety common in Afghanistan.

A. B. C. Specimens from England. Presented by the Cornish Institution, Mr. Davison, and Mr. Kirtland (1844-6). *D. E.* Specimens from Norway. Presented by the Christiania University (1846).

E. Do. Kandahar. Capt. Hutton (1849). *N. B.* The Afghanistan race is distinguished by its duller glosses, and by the band above the tail being white instead of ashy.

Genus DENDROCITTA, Gould.

462. D. LEUCOGASTRA, Gould (*Trans. Zool. Soc.* Vol. I, pl. 12).

HAB. Nilgiris.

A. Specimen presented by T. C. Jerdon, Esq. (1842).

463. D. RUFA (Vaill. *Ois. d'Afr.* pl. 59; Gould's 'Century,' pl. 42).
SYN. *Corvus rufus*, Scopoli.
Coracias vagabunda, Latham.
Pica rufiventris, Vieillot.
Hándi-cháchá ('pan-scraper,' imitative of cry), and *Takka-chor* ('rupee-thief'), Beng.: *Maha Lat*, H. (Jerdon).: *Mahtab*, and *Chand*, Sinde (Burnes).
HAB. India generally: plains and lower hills.
A. B. Male and female, from the vicinity of Calcutta (1844). *C.* Young. Do. (1845).

464. D. SINENSIS (Gould's 'Century,' pl. 43).
SYN. *Corvus sinensis*, Latham.
Kokiakak, Masuri.
HAB. Himalaya; China?
A. B. Adults. *C.* Young. From Darjiling. Presented by C. S. Bonnevie, Esq. (1845-7).

465. D. ALTIROSTRIS.
SYN. *Crypsirina altirostris*, Blyth, *J. A. S.* XII, 933.
D. frontalis (?), McClelland, *P. Z. S.* 1839, p. 163.
HAB. Sikim: Assam?
A. Specimen from Darjiling. Described *loc. cit.* (1842). *B.* Do. do. Presented by Mrs. Oakes (1845). *C.* Young, do. C. S. Bonnevie, Esq. (1846).

Genus CRYPSIRINA, Vieillot.

466. CR. VARIANS (Horsfield's *Zool. Res. in Java*: Lev. *Ois. d'Afr.*, 56).
SYN. *Corvus varians*, Latham.
C. temia, Shaw.
Phrenotrix temia, Horsfield.
Chekitut, or *Benteot*, Java.
HAB. Tenasserim; Java.
A. Specimen from Mergui. Presented by the Rev. J. Barbe (1846). *B.* Do., procured at Amherst. E. O'Ryley, Esq. (1847).

Genus TEMNORUS, Lesson.

467. T. LEUCOPTERUS (*Pl. Col.* 265).
SYN. *Glaucopis leucopterus*, Temminck.
Talong-gaga, or *Kolang-gaga*, Malayan.
HAB. Malayan peninsula and archipelago.
A. B. Adults. *C.* Young. From Malacca. Presented by Mr. E. Lindstedt (1846-7).

(B. JAY-MAGPIES.)

Genus CISSA, Boie.

468. C. VENATORIA (Hardw. *Ill. Ind. Zool.*)
SYN. *Kitta venatoria*, Gray.

Corvus sinensis (?), Boddaert.
C. speciosus (?), Shaw.
Corapica bengalensis, Lesson.

HAB. S. E. Himalaya, Assam, Arakan, Tenasserim provinces.
A. Specimen formerly green, with crimson alars (vide *J. A. S.* XV, 29): from Darjiling. Presented by Mrs. Oakes (1845). *B. C.* Specimens obtained fresh, that had died in confinement. D., Young, from Darjiling. Purchased (1849).

469. C. PUELLA, Blyth, *J. A. S.* XVIII,
HAB. Ceylon.
A. Specimen presented by E. L. Layard, Esq. (1848).

Genus PSILORHINUS, Ruppell.

470. Ps. MAGNIROSTRIS, Blyth, *J. A. S.* XV, 27.
HAB. Ya-ma-dong mountains, separating Arakan from Pegu.
A. Specimen presented by Capt. Phayre (1845).

471. Ps. OCCIPITALIS, Blyth (*J. A. S.* XV, 27; Gould's 'Century,' pl. 41).
SYN. *Pica erythrorhyncha* apud Vigors and Gould.
Corvus sinensis (?), Lin.
C. erythrorhynchos (?), Boddaert.
Coracias melanocephala (?), Latham.
Ps. albicapillus, Blyth (the young).
Nil-khánt, Masuri.
HAB. Himalaya: China?
A. Specimen from N. W. Himalaya. Presented by R. W. G. Frith, Esq. (1843). *B.* Do. Masuri. Capt. Hutton (1849).

472. Ps. FLAVIROSTRIS, Blyth (*J. A. S.* XV, 28).
HAB. Sikim; Kashmir (vide *J. A. S.* XV, 284).
A. B. Specimens from Darjiling. Presented by Mr. Webb (1844).

(C. JAYS.)

Genus CYANOCORAX, Boie.

473. C. CYANOPOGON, Tem. (*Pl. Col.* 169).
SYN. *Corvus cyanopogon*, Pr. Max.
HAB. Guiana.
A. Specimen from Mr. Bartlett (1843).

Genus CYANURUS, Swainson.

474. C. CRISTATUS (Wilson's *Am. Orn.* pl. I, f. 1).
SYN. *Corvus cristatus*, L.
HAB. N. America.
A. Specimen (now in bad order). Presented by Mr. Lea of Philadelphia (1831).

Genus GARRULUS, Brisson.

475. G. GLANDARIUS (Gould's *B. E.* pl. 214).
SYN. *Corvus glandarius*, L.
HAB. Europe, N. Africa.
A. Male. *B.* Female. From Norway. Presented by the University of Christiania (1845). *C.* Specimen from England. Presented by Mr. W. Davison (1846).

476. G. ORNATUS, Gray (Hardw. *Ill. Ind. Zool.*; Gould's 'Century,' pl. 38).
SYN. *G. bispecularis*, Vigors.
HAB. Himalaya.
A. B. Specimens, from Darjiling. Presented by Mr. Webb (1845). *C.* Specimen from Simla. Presented by Capt. Thomas (1846).

477. G. GULARIS, Gray (Hardw. *Ill. Ind. Zool.*; Gould's 'Century,' pl. 39, 40).
SYN. *G. lanceolatus*, Vigors.
G. Vigorsii, Gray (the young).
Ban-sarra of hillmen (Hutton).
HAB. Himalaya.
A. B. Specimens from Masuri. Capt. Hutton (1849).

Genus PERISOREUS, Pr. Bonap.

478. P. INFAUSTUS (Gould's 'Birds of Europe,' pl. 215).
SYN. *Corvus infaustus*, L.
C. sibiricus, Boddaert.
C. russicus, Gmelin.
C. mimus, Pallas.
HAB. Northern regions of the Old Continent.
A. B. Specimens from Norway. Presented by the University of Christiania (1845). *C.* Female. From N. Jemptland. Presented by H. E. Strickland, Esq. (1847).
(D. *Insertæ sedis*).

Genus LOPHOCITTA, G. R. Gray.

479. L. GALERICULATA (Levaillant, *Ois. de Par.* pl. 42).
SYN. *Corvus galericulatus*, Cuv.
Lanius scapulatus, Licht.
L. coronatus, Raffles (the female).
Vanga cristata, Griffith's *An. Kingd.*
Burong Jeri, Malayan.
HAB. Malayan peninsula; Sumatra; Java.
A. Male. From Malacca. Presented by J. Mackey, Esq. (1813). *B.* Female. From Java. Presented by the Batavian Society (1845). *C.* Male. *D.* Young. From Malacca. Presented by R. W. G. Frith, Esq. (1845-8).

Genus TURNAGRA (?), Lesson.

480. T. (?) STRIATA (Gould's 'Century,' pl. 37).
SYN. *Garrulus striatus*, Vigors.
HAB. Himalaya.
A. B. Specimens from Darjiling. Presented by Mr. Webb (1844).

Subfam. GARRULACINÆ.

Genus GARRULAX, Lesson.

Wa-roung-nghet, Arakan.

481. G. BELANGERI, Lesson *(Zoologie du Voy. de M. Belanger)*.
HAB. Tenasserim provinces; Pegu.
A. B. Specimens from Ye (Tenasserim). Presented by the Rev. J. Barbe (1846).

482. G. LEUCOLOPHOS (Gould's 'Century,' pl. 18).
SYN. *Corvus leucolophos*, Hardwicke.
HAB. Himalaya; Assam; Sylhet; Arakan.
A. B. Specimens from Arakan. Presented by Capt. Abbott (1844).

483. G. CHINENSIS.
SYN. *Lanius chinensis*, Scopoli.
Corvus auritus, Daudin.
Turdus shanhu et T. melanopis, Gmelin.
Crateropus leucogenys, Blyth, *J. A. S.* XI, 180.
HAB. China.
A. Specimen presented by R. W. G. Frith, Esq. (1842).

484. G. ALBOGULARIS.
SYN. *Ianthocincla albogularis*, Gould, *P. Z. S.* 1835, p. 187.
Cinclosoma albigula, Hodgson, *As. Res.* XIX, 146.
HAB. Himalaya.
A. B. C. Adults and young. From Simla. Presented by C. Fraser, Esq. (1842). *D. E.* Specimens from Darjiling. Presented by Mr. Webb (1845).

485. G PECTORALIS.
SYN. *Ianthocincla pectoralis*, Gould, *P. Z. S.* 1835, p. 186.
Cinclosoma grisaure, Hodgson, *As. Res.* XIX, 146.
C. melanotis, Blyth, *J. A. S.* XII, 149 (variety).
HAB. Himalaya; Arakan; Tenasserim Provinces.
A. B. Specimens from Nepal. Presented by B. H. Hodgson, Esq. (1843). *C.* Do., with black ear-coverts (*G. melanotis*). *D.* Do., ear-coverts black, intermixed with white. *E.* Do., ear-coverts white, with black stems only. From Arakan. Presented by Capt. Phayre (1843-7). *F.* Do. Throat uniform fulvescent with breast and

flanks, and pectoral band obsolete. *G.* Do., with pectoral band nearly obsolete: both having whitish ear-coverts. From Tenasserim. Presented by the Rev. J. Barbe (1846).

486. G. MONILIGER.
SYN. *Cinclosoma moniliger*, Hodgson, *As. Res.* XIX, 147.
Ianthocincla pectoralis (?) apud McClelland, *P. Z. S.* 1839, p. 160.
G. McClellandii (?), Blyth, *J. A. S.* XII, 949.
HAB. S. E. Himalaya; Assam; Sylhet: Tippera; Arakan; Tenasserim Provinces.
A. Specimen from Tippera. Presented by the Rev. J. Barbe (1846). *B.* Do., from Tenasserim. Do. do.

487. G. CÆRULATUS.
SYN. *Cinclosoma cærulatum*, Hodgson, *As. Res.* XIX, 147.
HAB. S. E. Himalaya.
A. B. Specimens from Darjiling. Presented by Mr. Webb (1845). *C.* Young, from Do. Purchased (1844).

488. G. OCELLATUS (Gould's 'Century,' pl. 15).
SYN. *Cinclosoma ocellatum*, Vigors.
HAB. Himalaya.
A. Adult. *B.* Young. From Darjiling. Presented by Mr. Webb (1845).

489. G. RUFOGULARIS.
SYN. *Ianthocincla rufogularis*, Gould, *P. Z. S.* 1835, p. 187.
Cinclosoma rufimenta, Hodgson, *As. Res.* XIX, 148.
HAB. S. E. Himalaya; Cherra Punji; Tippera.
A. B. Specimens from Darjiling. Presented by Mr. Webb (1845). *C.* Do., from Nepal. Presented by B. H. Hodgson, Esq. (1843).

490. G. SQUAMATUS (Jardine and Selby's *Ill. Orn.*, 2nd series, pl. 4).
SYN. *Ianthocincla squamata*, Gould, *P. Z. S.* 1835, p. 47.
Cinclosoma melanura, Hodgson, *As. Res.* XIX, 147.
HAB. S. E. Himalaya.
A. B. Specimens from Darjiling. Presented by Mr. Webb (1845).

491. G. SUBUNICOLOR, Hodgson (described *J. A. S.* XII, 952; XIV, 599).
HAB. S. E. Himalaya.
A. B. Specimens from Darjiling. Presented by Mr. Webb (1845).

492. G. AFFINIS, Hodgson (described *J. A. S.* XII, 950).
HAB. S. E. Himalaya.
A. Specimen from Nepal. Presented by B. H. Hodgson, Esq. (1843). *B.* Do., from Darjiling. Presented by Mr. Webb (1845).

493. G. VARIEGATUS (Gould's 'Century,' pl. 16).
SYN. *Cinclosoma variegatum*, Vigors.
G. Abeillei, Lesson.
HAB. N. E. Himalaya.
A. B. Specimens from Simla. Presented by Capt. Thomas (1845). *C.* Do. (faded), from Nepal. Presented by B. H. Hodgson, Esq. (1843).

494. G. CHRYSOPTERUS.
SYN. *Ianthocincla chrysoptera*, Gould, *P. Z. S.* 1835, p. 48.
HAB. S. E Himalaya.
A. B. Adults. *C.* Young. From Darjiling. Presented by Mr. Webb (1845). *D.* Specimen from Nepal. (Faded plumage). Presented by B. H. Hodgson, Esq. (1843).

495. G. ERYTHROCEPHALUS (Gould's 'Century,' p. 17).
SYN. *Cinclosoma erythrocephalum*, Vigors.
HAB. N. E. Himalaya.
A. B Specimens from Nepal. Presented by B. H. Hodgson, Esq. (1843). D. Another, from Masuri. Capt. Hutton (1849).

496. G. RUFICOLLIS (Jardine and Selby's *Ill. Orn.* 2nd series, pl. 21).
SYN. *Ianthocincla ruficollis*, Jardine and Selby.
I. lunaris, McClelland, *P. Z. S.* 1839, p. 160.
HAB. S. E. Himalaya; Assam; Sylhet; Tipperah.
A. B. Specimens from Darjiling. Presented by Mr. Webb (1845).

497. G. PHŒNICEUS (Gould's *Icones Avium*).
SYN. *Ianthocincla phœnicea*, Gould.
Crateropus puniceus, Blyth, *J. A. S.* XI, 180.
HAB. S. E. Himalaya.
A. B. Specimens from Darjiling. Presented by Mr. Webb (1845).

598. G. CACHINNANS ('Madras Journal,' X, 255, pl. 7).
SYN. *Crateropus cachinnans*, Jerdon.
Cr. Lafresnayii, Ad. Delessert.
Cr. Delesserti, LaFresnaye (nec *Cr. Delesserti*, Jerdon).
HAB. Nilgiris.
A. B Specimens presented by T. C. Jerdon, Esq. (1842—8).

599. G. (?) LINEATUS.
SYN. *Cinclosoma lineatum*, Vigors.
C. setiferum, Hodgson, *As. Res.* XIX, 148.

HAB. Himalaya.
A. B. Adults. *C.* Young. From Simla? Presented by C. Fraser, Esq. (1843).

500. G. (?) IMBRICATUS, Blyth, *J. A. S.* XII, 951.
HAB. Bootan.
A. Specimen presented by Capt. Pemberton (1839).

Genus ACTINODURA, Gould.

501. ACT. EGERTONI, Gould, *P. Z. S.* 1836, p. 18.
SYN. *Leiocincla plumosa*, Blyth, *J. A. S.* XII, 953.
HAB. S. E. Himalaya; Assam; Sylhet.
A. Specimen from Sylhet. Presented by F. Skipwith, Esq. (1845). *B.* Do., from Darjiling. Presented by Mrs. Oakes (1843).

502. ACT. NIPALENSIS.
SYN. *Cinclosoma nipalense*, Hodgson, *As. Res.* XIX, 145 (type of *Ixops*, Hodgson).
HAB. S. E. Himalaya.
A. B. C. Specimen from Darjiling. Presented by Mr. (Webb 1845).

Genus SIBIA, Hodgson (*Sibya*, Nepal).

503. S. PICOIDES, Hodgson (described *J. A. S.* VIII, 38).
SYN. *Heterophasia cuculopsis*, Blyth, *J. A. S.* XI, 187.
HAB. S. E. Himalaya.
A. B. Specimens from Darjiling. Presented by Mr. Webb (1845).

504. S. CAPISTRATA.
SYN. *Cinclosoma capistratum*, Vigors.
C. melanocephalum (?), Royle's list.
S. nigriceps, Hodgson.
HAB. Himalaya.
A. B. Adults. *C.* Young. From Darjiling. Presented by Mr. Webb (1845). *D.* Pale specimen from Simla. Capt. Thomas (1845).

Genus CUTIA, Hodgson.

505. C. NIPALENSIS, Hodgson (*J. A. S.* XV, 772. XVI, 110).
Khátya, or *Khutya*, Nepal.
HAB. S. E. Himalaya.
A. B. Males. *C.* Female. From Darjiling. Presented by Mr. Webb (1845). *D.* Female, from Nepal. B. H. Hodgson, Esq. (1842). *E.* Young. Purchased (1849).

Incertæ Sedis.

Genus PTERUTHIUS, Swainson.

506. PT. RUFIVENTER, Blyth, *J. A. S.* XI, 183; XII, 954 (Gray's *Ill. Gen. Birds*).

HAB. S. E. Himalaya.
A. Male. Presented by Mr. Webb (1845). *B.* Male. *C.* Female. Presented by C. S. Bonnevie, Esq. (1845).

507. PT. ERYTHROPTERUS (Gould's 'Century,' pl. 11).
SYN. *Lanius erythropterus*, Vigors.
HAB. Himalaya.
A. Male. *B.* Female. Presented by Mr. Webb (1845). *C.* Young. Presented by R. W. G. Frith, Esq. (1843).

Subfam. LEIOTHRICANÆ.

Genus LEIOTHRIX, Swainson.

508 L. ARGENTAURIS.
SYN. *Mesia argentauris*, Hodgson, *Ind. Rev.* 1838, p. 88.
HAB. S. E. Himalaya.
A. Male. *B.* Female. From Darjiling. Presented by C. S. Bonnevie, Esq. (1846). *C.* Very fine male. Purchased (1849).

509. L. LUTEUS.
SYN. *Sylvia lutea*, Scopoli.
Tanagra sinensis, Gmelin.
Parus furcatus, Temminck.
Bahila calipyga, Hodgson *Ind. Rev.* 1838, p. 88.
HAB. Himalaya; China?
A. Male. (Colours faded) Presented by C. Fraser, Esq. (1844). *B.* Male. *C.* Female. From Darjiling. Presented by C. S. Bonnevie, Esq. (1847). *D.* Very fine male. Capt. Hutton (1849). *E.* Another. Purchased (1849).

510. L. STRIGULA (Ad. Delessert, *Souvenirs*, &c. pt. 2, pl. 8).
SYN. *Siva strigula*, Hodgson, *Ind. Rev.* 1838, p. 89.
Muscicapa variegata, Delessert, *Mag. le Zool.* 1840, Ois., t. 20.
L. chrysocephala, Jameson.
HAB. Himalaya.
A. B. Specimens from Darjiling. Presented by Mr. Webb (1845). *C.* Another. From Masuri. Capt. Hutton (1849).

511. L. CYANOUROPTERA.
SYN. *Siva cyanouroptera*, Hodgson, *Ind. Rev.* 1838, p. 88.
Leiothrix lepida, McClelland, *P. Z. S.* 1839, p. 162.
HAB. Himalaya; Assam.
A. B. C. Specimens from Darjiling. Presented by Mr. Webb and Mr. Bonnevie.

512. L IGNITINCTA.
SYN. *Minla ignitincta*, Hodgson, *Ind. Rev.* 1838, p. 32.
L. ornata, McClelland, *P. Z. S.* 1839, p. 162.

HAB. S. E. Himalaya; Assam.
A. Male. *B.* Female. From Darjiling. Presented by Mr. Webb (1845).

513. L. CINEREA.
SYN. *Minla cinerea*, Blyth, *J. A. S.* XVI, 449.
HAB. S. E. Himalaya.
A. Specimen presented by C. S. Bonnevie, Esq. (1847).

514. L. CASTANICEPS.
SYN. *Minla castaniceps*, Hodgson, *Ind. Rev.* 1838, p. 33.
HAB. Himalaya.
A. Specimen from Nepal. Presented by B. H. Hodgson, Esq. (1843). *B.* Do., Darjiling. Presented by Mr. Webb (1845).

515. L. VINIPECTUS.
SYN. *Siva vinipectus*, Hodgson, *Ind. Rev.* 1838, p. 89.
HAB. S. E. Himalaya.
A. B. Specimens from Nepal. Presented by B. H. Hodgson, Esq. (1843).

516. L. CHRYSOTIS (*chrysopterus ? seu leucotis ?*)
SYN. *Proparus chrysotis*, Hodgson, *J. A. S.* XIII, 938; XVI, 448.
HAB. S. E. Himalaya.
A. B. Specimens from Darjiling. Presented by C. S. Bonnevie, Esq. (1847).

Genus IXULUS. Hodgson.

517. I. OCCIPITALIS, *J. A. S.* XIV, 552.
SYN. *Siva occipitalis*, Blyth, *J. A. S.* XIII, 937.
HAB. Sikim.
A. B. Specimens from Darjiling. Presented by C. S. Bonnevie, Esq., and Mr. Webb (1845-7).

518. I. FLAVICOLLIS.
SYN. *Yuhina ? flavicollis*, Hodgson, *As. Res.* XIX, 167.
HAB. Himalaya (Masuri to Bootan).
A. B. Specimens from Darjiling. Presented by C. S. Bonnevie, Esq. (1847).

Genus YUHINA, Hodgson.

519. Y. GULARIS, Hodgson (*As. Res.* XIX, 166.)
HAB. S. E. Himalaya.
A. B. Specimens from Darjiling. Presented by C. S. Bonnevie, Esq. (1847).

520. Y. OCCIPITALIS, Hodgson (*As. Res.* XIX, 166).
HAB. S. E. Himalaya.
A. B. C. Specimens from Nepal. Presented by B. H. Hodgson, Esq (1843).

Genus MYZORNIS, Hodgson.

521. M. PYRRHOURA, Hodgson, (*J. A. S.* XII, 984, XIV, 561).
A. Specimen (bad). From Nepal. Presented by B. H. Hodgson, Esq. (1843). *B.* Do., (very fine). From Darjiling. Presented by C. S. Bonnevie, Esq. (1847).

(*Incertæ Sedis*).

Genus ERPORNIS, Hodgson.

522. E. XANTHOLEUCA, Hodgson, *J. A. S.* XIII, 380.
SYN. *E. xanthochlora*, Hodgson, *P. Z. S.* 1845, p. 33.
HAB. S. E. Himalaya; Arakan; Malayan peninsula.
A. Specimen from Arakan; Capt. Phayre (1845). *B.* Do. Darjiling. C. S. Bonnevie, Esq. (1847).

(Allied to GARRULACINÆ?).

Genus MENURA, Davies.

523. M. SUPERBA, Davies (Gould's *B. A.* Vol. III, pl. 14).
SYN. *Megapodius menura*, Wagler.
Menura lyra, Shaw.
M. novæ hollandiæ, Latham.
M. vulgaris, Fleming.
Parkinsonius mirabilis, Bechstein.
M. paradisea, Swainson.
HAB. N. S. Wales.
A. Head. Mr. Cracroft? Society's old collection.

Genus ORTHONYX, Temminck.

524. O. SPINICAUDUS, Tem. (Gould's *B. A.*, Vol. IV. pl. 99).
SYN. *O. Temminckii*, Vigors and Horsfield.
O. maculatus, Stephens.
HAB. S. and E. Australia.
A. Specimen presented by the Sydney Institution (1845).

Genus PSOPHODES, Vigors and Horsfield.

525. Ps. CREPITANS (Gould's *B. A.* Vol. III, pl. 15).
SYN. *Muscicapa crepitans*, Latham.
HAB. N. S. Wales.
A. Specimen presented by the Sydney Institution (1845).
B. Another. Mr. Bartlett (1848).

Subfam. PARINÆ.

(*A. Paradoxornis* subseries)

Genus CONOSTOMA, Hodgson.

526. C. ÆMODIUS, Hodgson (*J. A. S.* X, 856).
HAB. Nepal.
A. B. Specimens from Nepal. Presented by B. H. Hodgson, Esq. (1841).

Genus HETEROMORPHA, Hodgson.

527. H. RUFICEPS (*J. A. S.* XII, 1010, pl.)
SYN. *Paradoxornis ruficeps*, Blyth, *J. A. S.* XI, 187.
HAB. Sikim; Bootan; Arakan.
A. B. Specimens from Arakan. Presented by Capt. Phayre (1846). *C.* Another. From Darjiling. Purchased (1849).

528. H. (? PARADOXORNIS?) CANICEPS, Blyth, *J. A. S.* XVIII,
HAB Sikim.
A. Bad skin, from Darjiling. Presented by Murray Gladstone, Esq. (1848).

Genus SUTHORA, Hodgson.

529. S. RUFICEPS.
SYN. *Chleuasicus ruficeps*, Blyth, *J. A. S.* XIV, 578.
HAB. Sikim.
A. B. Specimens from Darjiling. Presented by Mr. Webb (1845).

530. S. NIPALENSIS, Hodgson (*Ind. Rev.* 1838, p. 32).
HAB. S. E. Himalaya.
A. Specimen from Darjiling. Presented by C. S. Bonnevie, Esq. (1847).

531. S. FULVIFRONS, Hodgson (*J. A. S.* XIV, 579).
HAB. Nepal.
A. Specimen presented by B. H. Hodgson, Esq. (1848).

(*B. Parus* subseries).

Genus FALCUNCULUS, Vieillot.

532. F. FRONTATUS (Gould's *B. A.* Vol. II, pl. 79).
SYN. *Lanius frontatus*, Latham.
HAB. E. and S. Australia.
A. Male. *B.* Female. From Port Philip. Presented by Mr. Benson (1846).

Genus ORŒOICA, Gould.

533. O. CRISTATA (Gould's *B. A.* Vol. II, pl. 81).
SYN. *Turdus cristatus*, Lewin.
Falcunculus gutturalis, Vigors and Horsfield.
HAB. S. Australia, from E. to W.
A. Male, from Port Philip. Presented by Mr. Benson (1847).

Genus PARUS, Lin.

534. P. FLAVOCRISTATUS, Lafresnaye.
SYN. *P. sultaneus*, Hodgson, *Ind. Rev.* 1837, p. 81.
Melanochlora flavocristata et *M. sumatrana*, Lesson.
HAB. Nepal; Sikim; Bootan; Assam; Malayan peninsula; Sumatra.

A. Male. *B.* Female. From Darjiling. Presented by Mr. Webb (1845). *C* Male. *D.* Female. *E.* Young male. From Malacca. Presented by the Rev. F. W. Lindstedt (1844).

535. P. MAJOR, L. (*Pl. Enl.* 3, f. 1).
SYN. *P. fringillago*, McGillivray.
HAB. Europe.
A. B. Specimens from England. Presented by Mr. Davison (1844). *C. D.* Do. do. Presented by the Cornish Institution (1847). *E.* Young. Presented by Mrs. Taylor (1845).

536. P. MONTICOLUS, Vigors (Gould's 'Century,' pl. 29. f. 2.)
HAB. Himalaya.
A. B. Adults. *C.* Young. From Darjiling. Presented by Mr. Webb and Mr. Bonnevie (1845-7).

537. P. CINEREUS, Vieillot (*Pl. Col.* 287, f. 2; Levaillant, *Ois. d'Afr.* pl. 139, f. 1).
SYN. *P. atriceps*, Horsfield, *Lin. Tr.* XIII, 160.
P. nipalensis, Hodgson, *Ind. Rev.* 1838, p. 31.
HAB. Himalaya; Assam; Central and S. India; Ceylon; Java.
A. Specimen from Nepal. Presented by B. H. Hodgson, Esq. (1843). *B.* Do., from Chaibassa. Presented by Capt. Tickell (1842). *C.* Do., from the Nilgiris. Presented by T. C. Jerdon, Esq. (1843). *D.* Do. From Java. Batavian Institution (1849).

538. P. XANTHOGENYS, Vigors (Gould's Century, pl. 29, f. 1).
SYN. *P. aplonotus*, Blyth, *J. A. S.* XVI, 444.
HAB. N. W. Himalaya; Central and S. India.
A. Specimen from Chaibasa. Presented by Capt. Tickell (1842). *B.* Another, S. India. T. C. Jerdon Esq. (1848). *C. D.* Others, from Masuri, Capt. Hutton (1849).

539. P. SPILONOTUS, Blyth, *J. A S.* XVIII,
SYN. *P. xanthogenys* apud Blyth, *J. A. S.* XVI, 445.
HAB. Himalaya.
A. B. Specimens from Darjiling. Presented by C. S. Bonnevie, Esq. (1847).

540. P. CRISTATUS, L. (*Pl. Enl.* 502, f. 2).
HAB. N. and Alpine Europe.
A. Specimen from Mr. Bartlett (1842). *B.* Do., from Norway. Presented by the Royal University of Christiania (1844).

541. P. RUFONUCHALIS, Blyth, *J. A. S.* XVIII,
HAB. Tyne range, beyond Simla.
A Specimen presented by Capt. Hutton (1849).

542. P. MELANOLOPHOS, Vigors (Gould's 'Century,' pl. 30, f. 2).
HAB. N. W. Himalaya.
A. Specimen from Simla. Presented by Capt. Thomas, 39th N. I. (1845). *B.* Another. Masuri. Capt. Hutton, (1849).

543. P. RUBIDIVENTRIS, Blyth, *J. A. S.* XVI, 445.
HAB. Nepal.
A. Specimen presented by B. H. Hodgson, Esq. (1842).

544. P. DICHROUS, Hodgson, *J. A. S.* XIII, 943.
HAB. Nepal.
A. Specimen (imperfect). Presented by B. H. Hodgson, Esq. (1843).

545. P. CÆRULEUS, L. (*Pl. Enl.* 3, f. 2).
HAB. Europe.
A. B. Specimens from England. Presented by Mr. Davison and by the Cornish Institution (1844-7).

546. P. PALUSTRIS, L. (*Pl. Enl.* 3, f. 3).
HAB. Europe.
A. B. Specimens from England. Mr. Bartlett (1842).

547. P. ATER, L.
HAB. Europe.
A. Specimen from England. Mr. Bartlett (1842).

548. P. SIBIRICUS, Gmelin (*Pl. Enl.* 708, f. 3).
HAB. N. Europe and Asia.
A. Specimen from Siberia. Presented by M. Malherbe (1848).

549. P. IOUSCHISTOS, Hodgson, *J. A S.* XIII, 943.
HAB. Nepal.
A. Specimen presented by B. H. Hodgson, Esq. (1842).

Genus ORITES, Mœrrhing.

550. O. ERYTHROCEPHALUS (Gould's 'Century,' pl. 30, f. 1).
SYN. *Parus erythrocephalus*, Vigors.
HAB. Himalaya.
A. B. Specimens from Masuri. Presented by Capt. Hutton (1849).

551. O. CAUDATUS (*Pl. Enl.* 502, f. 3).
SYN. *Parus caudatus*, L.
HAB. Europe.
A. B. C. Specimens from England. Presented by Mr. W. Davison (1844).

Genus SYLVIPARUS, Burton.

552. S. MODESTUS, Burton, *P. Z. S.* 1835, p. 154.
SYN. *Parus sericophrys*, Hodgson, *J. A. S.* XIII, 942; XVI 446.

HAB. Himalaya.
A. Specimen from Nepal. Presented by B. H. Hodgson, Esq. (1844).

Genus ÆGITHALUS, Vigors.

553. O. FLAMMICEPS, Burton, *P. Z. S.* 1835, p. 153.
SYN. *Dicæum sanguinifrons*, A. Hay, *J. A. S.* XV, 44.
HAB. N. W. Himalaya.
A. B. Males. *C.* Female. From Masuri. Presented by Capt. Thos. Hutton (1848).

Subfam. STREPERINÆ.

Genus STREPERA, Lesson.

554. STR. GRACULINA (Gould's *B. A.* Vol. II, pl. 42).
SYN. *Corvus graculinus*, White.
C. streperus, Leach.
Coracias strepera, Latham.
HAB. N. S. Wales.
A. B. Specimens from Port Philip. Presented by Mr. Benson (1846).

Genus GYMNORHINA, G. R. Gray.

555. G. LEUCONOTA, Gould (*B. A.* Vol. II, pl. 47).
SYN. *Barita tibicen* apud Quoy and Gaymard.
HAB. S. Australia.
A. Adult. *B.* Young. From Port Philip. Presented by Mr. Benson (1846).

556. G. ORGANICUM, Gould (*B. A.* Vol. II, pl. 48).
SYN. *Cracticus hypoleucos*, Gould.
HAB. V. D. Land.
A. B. Specimens presented by W. Cracroft, Esq. (1837).

557. G. TIBICEN (Gould's *B. A.* Vol. II, pl. 46).
SYN. *Coracias tibicen*, Latham.
HAB. N. S. Wales.
A. Specimen purchased (1847).

Genus CRACTICUS, Vieillot.

558. CR. NIGROGULARIS (Gould's *B. A.* Vol. II, pl. 49).
SYN. *Vanga nigrogularis*, Gould.
Cr. varius, Vigors and Horsfield.
Lanius robustus (?), Latham.
HAB. N. S. Wales.
A. Specimen purchased (1847).

559. CR. TORQUATUS (Gould's *B. A.* Vol. II, pl. 52).
SYN *Lanius torquatus et L. curvirostris*, Latham.
Vanga destructor, Temminck.

Hab. E. and S. Australia.
A. Adult male. Presented by the Sydney Institution (1847). *B.* Young. From Port Philip. Presented by Mr. Benson (1846).

Subfam. PARADISEINÆ.

A. Subseries with lengthened incurved bills.

Genus Corcorax, Lesson. (Allied to Australian *Pomatorhinus ?*)

560. C. leucopterus (Gould's *B. A.* Vol. IV, pl. 16).
Syn. *Fregilus leucopterus*, Vigors.
C. australis, Lesson.
Hab. E. and S. Australia.
A. Specimen from Port Philip. Presented by Mr. Benson (1846).

Genus Ptiloris, Swainson.

561. Pt. paradiseus, Sw. (Gould's *B. A.* Vol. IV, pl. 100).
Syn. *Epimachus regius*, Lesson.
E. Brisbanii, Wilson.
Hab. S. E. Australia.
A. Male. Presented by W. Cracroft, Esq. (1837).
B. Female. Purchased (1848).

B. Subseries with bills of medium length.

Genus Paradisea, L.

562. P. apoda, Lin. (*Pl. Enl.* 254; Vieillot, *Ois. de Par.* t. 1).
Syn. *P. major*, Shaw.
Hab. N. Guinea.
A. Specimen presented by Capt. Lewis (1844).

563. P. minor, Shaw (Vieillot, *Ois. de Par.* pl. 2).
Hab. N. Guinea.
A. Specimen (imperfect). Presented by Capt. Lewis (1844).

564. P. rubra, Cuvier (Vaill. *Ois. de Par.* t. 3).
Syn. *P. sanguinea*, Shaw.
Hab. N. Guinea.
A. Specimen (imperfect). Presented by Capt. Lewis (1844).

Genus Cicinnurus, Vieillot.

565. C. regius (*Pl. Enl.* 496; Vaill. *Ois de Par.* t. 7).
Syn. *Paradisea regia*, L.
C. spinturnix, Lesson.
Hab. N. Guinea.
A. Specimen (imperfect). Presented by Capt. Lewis (1844).

Genus Sericulus, Swainson.

566. S. chrysocephalus (Gould's *B. A.* Vol. IV, pl. 12).
Syn. *Meliphaga chrysocephala*, Lewin.
Oriolus regius, Temminck.
S. magnirostris, Gould.
Hab. E. Australia.
A. Male. Presented by W. Cracroft, Esq. (1837). *B.* Male. *C.* Female. Presented by the Sydney Institution (1846). *D.* Female. *E.* Young male. Purchased (1847).

C. Subseries with short and strong bills.

Genus Ptilonorhynchus, Kuhl.

567. Pt. holosericeus (Gould's *B. A.* Vol. IV, pl. 10).
Syn. *Kitta holosericea*, Temminck.
Pyrrhocorax violaceus, Vieillot.
Corvus squamulosus, Illiger (female or young).
Hab. N. S. Wales.
A. Adult male. *B.* Female or young male. Presented by the Sydney Institution (1846). *C. D.* Females or young males. Purchased (1847).

568. Pt. Smithii, Vig. and Horsf. (Gould's *B. A.* Vol. IV, pl. 11).
Syn. *Pt. viridis*, Wagler.
Kitta virescens, Temminck.
Hab. N. S. Wales.
A. Specimen presented by the Sydney Institution (1846). *B.* Another, purchased (1847).

Subfam. GRACULINÆ.

A. Maina and Starling subseries. Inhabiting Europe, Asia, and N. Africa.

a. Of more bulky form; gait saltatory.

Genus Gracula, L.

569. Gr. javanensis, Osbeck (Edwards, pl. 17, lower figure).
Syn. *Mainatus major*, Brisson: described *J. A. S.* XV, 31.
M. sumatranus (?), Lesson.
Gr. religiosa, L., var. B., Latham.
Hab. Malayan peninsula and archipelago; Nicobar Islands.
Tong, or *Tiong*, Malay: *Beo*, or *Menchu*, Java.
A. B. Specimens from Malacca. Presented by C. Huffnagle, Esq. (1845). *C. D.* Do., from the Nicobars. Presented by Capt. Lewis (1846).

570. Gr. intermedia, A. Hay (*J. A. S.* XV, 32).
Paharia Maina, Hind.: *Thale-gu*, Arakan.
Hab. Nepal; Assam; Arakan; Tenasserim Provinces.
A. B. C. D. Specimens procured fresh (1842-7).

571. Gr. religiosa, L. (Edward's pl. 17, upper figure).
Syn. *Eulabes indica*, Cuvier.
Pastor musicus, Daudin.
Mainatus javanus, Lesson, apud Jerdon, *J. A. S.* XII, 178 (bis).
Hab. S. India; Ceylon.
A. Specimen purchased (1842).

572. Gr. ptilogenys, Blyth, *J. A. S.* XV, 285.
Hab. Ceylon.
A. Specimen presented by E. L. Layard, Esq. (1849).

Genus Ampeliceps, Blyth.

573. A. coronatus, Blyth, *J. A. S.* XI, 194, XV, 32.
A. Male. *B.* Female. From Ye (Tenasserim). Presented by the Rev. J. Barbe (1846).
b. Of less bulky form; the gait ambulatory.

Genus Acridotheres, Vieillot.

574. Acr. tristis (*Pl. Enl.* 219).
Syn. *Paradisea tristis*, L.
Gracula gryllivora, Daudin.
Bhát Salik, Beng.: *Maina*, H.: *Bunnee*, or *Saloo* (Tickell): *Saloonku*, Mahr.: *Gorwuntra*, Can. (Jerdon). *Dza-ret-monk*, Arakan.
A. B. Males. *C.* Female. *D.* Young. Procured in Lower Bengal (1842).
E. F. Dark variety, from Ceylon. Presented by Dr. R. Templeton (1847).

575. Acr. ginginianus (Vaill. *Ois. d'Afr.* t. 95, f. 2).
Syn. *Turdus ginginianus*, Latham.
Gracula grisea, Daudin (t. 95, f. 2).
Gáng Salik, Beng.: *Ganga Maina*, H.: *Láli*, Sinde (Burnes).
Hab. Bengal, Upper India, Scinde; Tenasserim Provinces.
A. B. C. Adults. *D. E.* Young. Procured fresh (1842-6).

576. Acr. cristatellus (Edwards, pl. 19).
Syn. *A. cristatellus*, L.
Acr. fuliginosus, Blyth, *J. A. S.* XIII, 362 (the young).
Hab. China.
A. Adult. Presented by the Curator (1847). *B.* Young, from Macao, purchased (1842).

577. Acr. griseus.
Syn. *Pastor griseus*, Horsfield.
Maina cristalloides, Hodgson.
P. fuscus (?), Wagler.
P. mahrattensis (?), Sykes.
Jhónt Salik (i. e. 'Crested Maina'), Beng.: *Dza-ret-monk-teng*, Arakan: *Jallak Sungu*, Java.

Hab. India generally (?); Bengal; Nepal; Arakan; Tenasserim; Penang; Sumatra; Java.

A. B. Adults. *C. D.* Young, from the neighbourhood of Calcutta (1841-4). *N. B.* Irides of adult brilliant yellow. *E.* Specimen from Ye (Tenasserim). Presented by the Rev. J. Barbe (1846). *F.* Rufescent variety, from the Mednapur district (1847).

G. (*Acr. fuscus* v. *mahrattensis:* irides pale grey—Sykes; greyish-white—Jerdon.) Specimen presented by T. C. Jerdon, Esq. (1842). *H.* Young, do. From Gumsur. Presented by R Macpherson, Esq.

Genus Sturnus, Lin.

578. St. temporalis.

Syn. *Pastor temporalis*, Tem.

Hab. China.

A. Specimen (in bad order), presented by Lord A. Hay (1846).

579. St. contra, L. (*Pl. Enl.* 280; Edwards, pl. 187).

Syn. *St. capensis*, L.

Pastor auricularis, Drapiez.

P. jalla, Horsfield.

Ablaka, H.: *Guia-leggra*, Beng.: *Qwyai-dzaret*, Arakan: *Jallak*, or *Jallak-uring*, Java.

Hab. India; Sumatra; Java.

A. Male. *B.* Female. *C.* Young. From the vicinity of Calcutta (1842).

580. St. vulgaris, L.

Syn. *St. indicus*, Hodgson.

Télia Maina, Hind.: *Saruk*, Kabul.

Hab. Europe, Asia: common in Himalaya. Upper Bengal?

A. B. Specimens purchased alive in Calcutta; probably from Rajmahl (1842). *C.* Specimen from Nepal. Presented by B. H. Hodgson, Esq. (1842). *D. E. F. G. H. I.* Specimens in various states of plumage, from England. Presented by the Cornish Institution (1846) and by Mr. W. Davison (1844).

581. St. unicolor, Marmora.

Hab. N. Africa; Sardinia: and a more brilliantly glossed variety in Afghanistan.

A. Male, from Sardinia. *B.* Female, from Algiers. Presented by M. Alfred Malherbe (1848).

C. Kandahar specimen. Capt. Hutton (1849).

Genus Psaroglossa, Hodgson.

582. Ps. spiloptera (Gould's 'Century,' pl. 31).

Syn. *Lamprotornis spilopterus*, Vigors.

Puli, Masuri.

HAB. Himalaya.
A. Male. *B.* Female. *C.* Young. From Masuri. Presented by Capt. Hutton (1849).

Genus STURNIA, Lesson.

583. ST. SERICEA (Brown's 'Zoology,' pl. 21).
SYN. *Sturnus sericeus*, Latham.
HAB. China.
A. Male. *B.* Female. From Chusan. Presented by J. McClelland, Esq. (1843).

584. ST. ?
HAB. Ceylon.
A. Young. E. L. Layard, Esq. (1849).

585. ST. ERYTHROPYGIA, Blyth, *J. A. S.* XV, 34.
HAB. Nicobar Islands.
A. B. Specimens presented by Capt. Lewis (1846).

586. ST. BLYTHII (Jerdon's *Ill. Ind. Orn.* pl. 32).
SYN. *P. malabaricus* apud Jerdon, *Madr. Journ.* XI, 22.
Pastor Blythii, Jerdon.
St. dominicana (*?*) apud Blyth, *J. A. S.* XIII, 363.
HAB. India; Malabar.
A. Specimen presented by T. C. Jerdon, Esq. (1842).

587. ST. MALABARICA.
SYN. *Turdus malabaricus*, Gmelin (No. 51, nec No. 125).
Pastor malabaricus, var., apud Jerdon, *Madr. Journ.* XI, 23.
P. nanus (*?*) et *Gracula cinerea* (*?*), Lesson.
Páwi, Hind.
HAB. India generally (but somewhat local), Assam; Arakan; Tenasserim.
A. B. C. D. E. F. G. Specimens in various states of plumage, procured near Calcutta (1841-7).

588. ST. PAGODARUM.
SYN. *Turdus pagodarum*, Gm.
T. melanocephalus, Vahl.
Sturnus subroseus, Shaw (apud G. R. Gray).
Monghyr Páwi, Beng.
HAB. India generally; Assam; Arakan (Ramree). Non-resident in Lower Bengal, but common in the jungles westward.
A. Male. *B. C.* Young. Procured of Calcutta dealers (1842-3).

589. ST. CANA, Blyth, *J. A. S.* XIII, 365.
N. B. This is the young of a species nearly allied to, but distinct from, the next, some of whose reputed synonymes perhaps belong to it,
HAB. China (Macao).
A. Young, purchased (1843).

590. ST. DAURICA (*Pl. Enl.* 627, f. 2).
SYN. *Turdus dauricus* et *T. sturninus*, Pallas.
T. dominicanus, Gmelin.
Pastor malayensis, Eyton.
HAB. Malayan peninsula; China (?).
A. B. Adults, from Malacca. Presented by the Rev. F. W. Lindstedt (1845). *C.* Young. M. Tonnérre (1849).

Genus CALORNIS, G. R. Gray.

591. C. AFFINIS, A. Hay, *J. A. S.* XV, 36, 369.
HAB. Tipperah; Arakan; Nicobar Islands; Tenasserim (?)
A. B. Adults. *C.* Young. From Arakan. Presented by Capt. Phayre (1845).

592. C. CANTOR (*Pl. Col.* 199, f. 1, 2).
SYN. *Turdus cantor*, Gmelin.
T. chalybeus et *T. strigatus*, Horsfield.
Biang, *Kala loyang*, and *Burong Kling*, Malay: *Sling*, Java.
HAB. Malayan peninsula; Sumatra; Java.
A. B. C. Adults. *D.* Young. From Malacca. Presented by the Rev. F. W. Lindstedt (1845), and Mr. E. Lindstedt (1847).

Genus PASTOR, Temminck.

593. P. ROSEUS (Edwards, pl. 20; *Pl. Enl.* 250).
SYN. *Turdus roseus*, L.
T. suratensis, Latham.
Tillyer, H. (Jerdon). *Golábi Maina*, H. Beng.: *Bya*, Sinde (Burnes).
HAB. Europe, Asia and N. Africa; very common in Hindustan.
A. Fine male, purchased (1842). *B.* Do., from Central India. C. Fraser, Esq. (1844). *C. D.* Specimens procured in the neighbourhood of Calcutta (1848).

B. *Incertæ Sedis.* Hab. *Malasia Orientalis.*

Genus ENODES, Temminck.

594. E. ERYTHROPHRYS (Tem. *Pl. Col.* 267).
SYN. *Lamprotornis erythrophrys*, Tem.
HAB. Moluccas, Java.
A. B. Specimens presented by the Batavian Society (1845).

Genus MINO, Lesson.

595. M. CALVUS (*Pl. Enl.* 200).
SYN. *Gracula calva*, L.
HAB. Moluccas; Philippines.
A. Specimen from the dispersed Macao Museum (1837).

C. African subseries.

Genus ASTRAPIA, Lesson.

596. A. SPLENDENS (Edwards, pl. 320).
SYN. *Turdus splendens*, Leach.
Turdus nitens, var. B., Latham.
HAB. W. Africa.
A. Specimen received from Mr. Bartlett (1842).

597. A. NITENS (*Pl. Enl.* 560).
SYN. *Turdus nitens*, L.
HAB. S. Africa.
A. B. Specimens presented by Lord A. Hay (1845).

598. A. MORIO (*Pl. Enl.* t. 199 ; Vaill. *Ois. d'Afr.* t. 90).
SYN. *Turdus morio*, L.
Corvus rufipennis, Shaw.
HAB. S. Africa.
A. B. Specimens presented by Lord A. Hay (1845).

Genus SPREO, Lesson.

599. SPR. BICOLOR (Vaill. *Ois. d'Afr.* t. 88).
SYN. *Turdus bicolor*, Gmelin.
Lamprotornis albiventris, Swainson.
HAB. S. Africa.
A. Specimen presented by T. C. Jerdon, Esq. (1841).

Genus DILOPHUS, Vieillot.

600. D. CARUNCULATIS (Levaill. *Ois. d'Afr.* pl. 93).
SYN. *Sturnus carunculatus*, Gmelin.
Gracula larvata, Shaw.
Gr. gallinacea, Daudin.
HAB. S. Africa.
A. Specimen (young): presented by Lord A. Hay 1845).
D. American subseries.
a. Troopials.

Genus STURNELLA, Vieillot.

601. ST. LUDOVICIANA (*Pl. Enl.* 256 ; Wilson's *Am. Orn.* pl.).
SYN. *Sturnus ludovicianus* et *Alauda magna*, L.
Sturnella collaris, Vieillot.
Cacicus alaudarius, Daudin.
HAB. N. America.
A. Specimen received from Mr. Bartlett (1844).

602. ST. LOICA (*Pl. Enl.* 113).
SYN. *Sturnus loica*, Molina.
St. militaris, Lin., apud Stephens.
HAB. Chili.
A Male. *B*. Female. Purchased (1841).

OF THE BOMBAY BRANCH OF THE ASIATIC

Genus AGELAIUS, Vieillot.

603. A. CURÆUS (Spix, *Av. Braz.* t. 64, f. 2).
SYN. *Sturnus curæus*, Molina.
A. chopi, Vieillot.
Icterus sulcirostris, Spix.
I. unicolor, Lichtenstein.
HAB. Chili.
A. B. Specimens. *C.* Do. (semi-albino). Purchased (1844).

604. A. PHŒNICEUS (Wilson's *Am. Orn.*, pl. 30, f. 1).
SYN. *Oriolus phœniceus*, L.
O. melancholicus, var. B., Latham.
Icterus pterophœniceus, Brisson.
Sturnus predatorius, Wilson.
HAB. N. America.
A. Specimen received from Mr. Bartlett (1844).

Genus CHRYSOMUS, Swainson.

605. CHR. FRONTALIS.
SYN. *Agelaius frontalis* et *A. ruficapillus*, Vieillot.
A. ruficollis, Swainson.
HAB. Tropical S. America.
A. Specimen received from Mr. Bartlett (1844).
B. Hang-nests.

Genus CACICUS, Cuv.

606. C. CRISTATUS (*Pl. Enl.* 344).
SYN. *Oriolus cristatus*, Gmelin.
Xanthornis maximus, Pallas.
HAB. Guiana, Brazil, &c.
A. Male. *B.* Female. Received from Mr. Bartlett (1844).

Genus XANTHORNUS, Cuv.

607. X. VARIUS (*Pl. Enl.* 607, f. 1: Wilson's *Am. Orn.* pl. 4).
SYN. *Oriolus varius* et *O. spurius*, Gmelin.
O. castaneus, Latham.
O. mutatus, Wilson.
Pendulinus solitarius et *P. viridis*, Vieillot.
HAB. N. America.
A. Specimen presented by Mr. Lea of Philadelphia (1831).
C. Boat-tails.

Genus QUISCALUS, Vieillot.

608. Q. PURPUREUS (Wilson's *Am. Orn.* pl. 21, f. 4: Bonap. *Cont.* pl. 5, f. 1).
SYN. *Quiscala purpurea* et *Q. nitens*, Licht.
Gracula quiscala, L.

Q. versicolor, Vieillot.
Oriolus ludovicianus et *O. hudsonius*, Gm.
HAB. N. America.
A. Specimen presented by Mr. Lea of Philadelphia (1831).

Genus SCOLEPHAGUS, Swainson.

609. SC. FERRUGINEUS (Wilson's *Am. Orn.* pl. 21, f. 3).
SYN. *Gracula ferruginea*, Wilson.
Gr. quiscala, var. B, et *Oriolus leucocephalus*, Latham.
Oriolus niger, *Turdus hudsonicus*, *T. noveboracensis*, et *T. labradorius*, Gmelin.
Pendulinus ater, Vieillot.
HAB. N. America.
A. Specimen presented by H. E. Strickland, Esq. (1847).
E. Australian subseries.

Genus GRALLINA, Vieillot.

610. GR. PICATA (Gould's *B. A.* Vol. II, pl. 54).
SYN. *Gracula picata*, et *Corvus cyanoleucos*, Latham.
Tanypus australis, Oppel.
Grallina melanoleuca, Vieillot.
Gr. bicolor, Vigors and Horsfield.
HAB. Australia generally.
A. Male (in bad order). Presented by W. Cracroft, Esq. (1837). *B.* Female from the Sydney Institution (1846).

Fam. FRINGILLIDÆ.

Subfam. PLOCEINÆ.

Genus PLOCEUS, Cuvier.

611. PL. RUBER (*Pl. Enl.* 134, fig. 2).
SYN. *Loxia rubra*, Gmelin.
HAB. Mauritius, Madagascar.
A. B. ♂. Males. *D.* Female. Willis Earle, Esq. (1843).

612. PL. CAPENSIS (*Pl. Enl.* 101, 659, f. 1).
SYN. *Loxia capensis*, L. (nec *Pl. capensis*, A. Smith).
HAB. S. Africa.
A. B. Males, presented by Lord A. Hay (1845), and Capt. Phayre (1847).

613. PL. HYPOXANTHUS? (*Pl. Col.*).
SYN. *Loxia hypoxantha* (?), Daudin.
Pl. philippinus apud Horsfield (*Lin. Tr.* XIII, 160,) et Temminck; nec apud Strickland, *J. A. S.* XII, 945.
HAB. Java; Philippines.
A. Male, Presented by the Batavian Society (1845).

614. Pl. philippinus (*Pl. Enl.* 135, f. 2).

Syn. *Loxia philippina*, L. (apud Strickland).
Pl. baya, Blyth, *J. A. S.* XII, 945.
Baya, II. : *Chindora*, and *Tal Babie*, Beng.

Hab. India generally; Burmese countries; Malayan peninsula; Sumatra?

A. Male (with deep yellow breast); from Agra: L. C. Stewart, Esq. (1844). *B. C.* Males (yellow-breasted), from the vicinity of Calcutta (1843-5). *D. E.* Males. *F.* Young do. *G.* Female. From near Calcutta (1842-6). *G. H.* Male and Female, from Malacca. Rev. F. W. Lindstedt (1844).

615. Pl. manyar.

Syn. *Fringilla manyar*, Horsfield, *Lin. Tr.* XIII, 160.
Euplectes flaviceps, Swainson.
Eu. striatus, Blyth, *J. A. S.* XI, 873, and XII, 181 (bis).
Eu. bengalensis (?) apud Jerdon, *Catal.*
Ploceus flaviceps (?), Cuv.

Hab. Bengal; Nepal; Assam; Scinde; S. India; Java.

A. B. Males. *C. D.* Females. *E.* Male (with the beak nearly white, shot late in the breeding season). *F.* Male in non-breeding dress. All from the vicinity of Calcutta (1842-6).

616. Pl. bengalensis (Edwards, pl. 189).

Syn. *Loxia bengalensis*, L.
L. regina, Boddaert.
Coccothraustes chrysocephala, Vieillot.
Euplectes albirostris, Swainson.
Sarbo Baya, Hind.

Hab. Bengal.

A. B. Males. *C. D.* Females. *E. F.* Males in non-breeding dress. All from the vicinity of Calcutta (1842-6).

Genus Hyphantornis, G. R. Gray.

617. H. spilonotus (Smith's 'Zoology of S. Africa,' pl. 66, fig. 1).

Syn. *Ploceus spilonotus*, Vigors.
Pl. stictonotus, A. Smith.
Pl. flaviceps, Swainson.

Hab. S. Africa.

A. B. Males. *C.* Female. Lord A. Hay (1845).

618. H. erythrocephalus (Brown, *Ill. t.* 28, f. 2).

Syn. *Fringilla erythrocephala*, Gmelin.

Hab. Mauritius.

A. B. Males. Willis Earle, Esq. (1843).

Genus SYCOBIUS, Vieillot.

619. S. BICOLOR, Vieillot (Jardine and Selby's *Ill. Orn., n. s.*, pl. 10).
SYN. *Symplectes chrysomus*, Swainson.
Eupodes xanthosomus, Jardine and Selby.
HAB. S. Africa.
A. Male, presented by Lord A. Hay (1845).

Subfam. ESTRELDINÆ.

Genus MUNIA, Hodgson).

620. M. MAJA (Edwards, pl. 306, f. 1).
SYN. *Loxia maja*, L.
L. leucocephala, Raffles.
Maia sinensis, Brisson.
HAB. Malayan peninsula; Sumatra.
A. From Malacca. *B.* Young, do. E. Lindstedt, Esq. (1847).

621. M. FERRUGINOSA.
SYN. *Loxia ferruginosa*, Latham.
La Maina, Buffon.
HAB. Java.
A. Specimen presented by the Batavian Society (1845).

622. M. RUBRONIGRA, Hodgson, *As. Res.* XIX, 153.*
SYN. *Lonchura melanocephala*, M'Clelland, *P. Z. S.* 1839, p. 163.
Loxia malacca, Var., Lath.
L. indica, Lath.—Young?
Pora Munia: Nukroul, Masuri.
HAB. Bengal; Nepal; Assam; Arakan; Tenasserim.
A. B. C. D. Specimens from the vicinity of Calcutta (1843-6).

623. M. MALACCA (Edwards pl. 355).
SYN. *Loxia malacca*, L.
Coccothraustes javensis, Brisson.
Amadina sinensis apud Blyth, *J. A. S.* XV, 36.
Nukl-nore, H. (Jerdon).
HAB. Indian peninsula; Ceylon; rare in Lower Bengal.
A. Specimen from near Calcutta (1846). *B.* Do., S. India. T. C. Jerdon, Esq. (1843).

* Nec *Chinese Sparrow*, Edwards, pl. 43, on which is founded *Coccothraustes sinensis*, Brisson, *Loxia malacca*, β, Lin., *Malacca Grosbeak*, var. *A*, Latham, and which is also *Loxia atricapilla*, Vieillot, *Dict. Class. d'Hist. Nat.*

624. M. UNDULATA (Edwards, pl. 40).
SYN. *Loxia undulata* and
L. punctulata, var. *A*, Latham.
L. bicolor, Latham, the young.
Munia lineoventer, Hodgson.
Tela Munia, H.: *Simbaz*, Masuri: *Sing baz* or *Sheen baz* (Jerdon).
HAB. India generally; Arakan; Tenasserim.
A. B. Adults. *C. D.* Young. From the vicinity of Calcutta (1844).

625. M. PUNCTULARIA.
SYN. *Loxia punctularia*, L.
Fringilla nisoria, Temminck.
HAB. Malayan peninsula and archipelago.
A. B. C. Adults. *D.* Young. From Malacca. R. W. G. Frith, Esq. (1847).

626. M. MOLUCCA? (*Pl. Enl.* 139, f. 2).
SYN. *Loxia molucca*, (?) L.
Munia acuticauda, Hodgson.
HAB. Nepal; Malayan peninsula.
A. Specimen (in bad order), from Nepal. B. H. Hodgson, Esq. (1843). *B.* Another. Darjiling. Purchased (1849). *C. D. E.* Do., from Malacca. Rev. F. W. Lindstedt (1845).

627. M. PECTORALIS.
SYN. *Amadina pectoralis*, Jerdon, *J. A. S.* XIII, 949; described in *Madras Journ.* XIII, 171.
HAB. S. India.
A. Specimen presented by T. C. Jerdon, Esq. (1842).

628. M. STRIATA.
SYN. *Loxia striata*, Latham.
Fringilla leuconota, Temminck.
HAB. Indian peninsula; Ceylon; Arakan; not common in Lower Bengal.
A. B. Specimens from the vicinity of Calcutta (1846).

629. M. MELANICTERA?
SYN. *Fringilla melanictera* (?), Gmelin.
Amadina leucogastra, Blyth, *J. A. S.* XV, 286.
HAB. Malayan peninsula.
A. B. C. Specimens from the vicinity of Malacca. R. W. G. Frith, Esq. (1846).

630. M. MALABARICA.
SYN. *Loxia malabarica*, L.
Lonchura cheet, Sykes.
Loxia bicolor, Tickell (nec Latham).
Sar Munia; *Piduri*, B.: *Chorgá*, H.

HAB. India generally; Ceylon.
A. B. C. Specimens from the vicinity of Calcutta (1845).

Genus ERYTHRINA.

631. E. PRASINA (Tem. *Pl. Col.* 96).
SYN. *Fringilla prasina*, Sparrman (nec Latham).
Fr. sphecura, Temminck.
Emberiza quadricolor, Gmelin.
E. viridis, Swainson.
Emberiza cyanopis (?), Gmelin.
HAB. Indian archipelago.
A. Specimen presented by the Batavian Society (1845).

Genus AMADINA, Swainson.

632. A. (?), ORYZIVORA (*Pl. Enl.* 388; Edwards, pl. 41, 42).
SYN. *Loxia oryzivora*, L.
HAB. Indian Archipelago.
A. Specimen from Java. Batavian Society (1845). *B. C.* Do., presented (dead) by Babu Rajendra Mallika (1847-8).

633. A. LATHAMI (Gould's *B. A.* Vol. III, pl. 86).
SYN. *Estrelda Lathami*, Vigors and Horsfield.
HAB. Australia.
A. B. Specimens from the Sydney Institution (1846).

Genus ESTRELDA.

634. E. BELLA (Gould's *B. A.* Vol. III, pl. 78).
SYN. *Fringilla bella*, Latham.
HAB. Australia.
A. B. Specimens presented by W. Cracroft, Esq. (183).

635. E. ASTRILD (*Pl. Enl.* 157, f. 2; Edwards, pl. 179, f. 2, 354, f. 2).
SYN. *Fringilla astrild*, L.
Fr. rubriventris, Vieillot.
HAB. S. Africa; Mauritius?
A. Specimen from S. Africa. Lord A. Hay (1845). *B.* Do. Mauritius. Willis Earle, Esq. (1843). *C.* Do., procured (dead, 1846).

636. E. TEMPORALIS (Gould's *B. A.*, Vol. III, pl. 82).
SYN. *Fringilla temporalis*, Latham.
HAB, Australia.
A. B. C. Specimens from the Australian Museum (1846).

637. E. AMANDAVA (*Pl. Enl.* 115, f. 2, 3; Edwards, pl. 355, f. 1).
SYN. *Fringilla amandava*, L.
Fr. punicea, Horsfield, *Lin. Tr.* XIII, 160.
Fr. senegalensis, Vieillot (vide *Dict. Class*).
Lál, or *Lál Munia*, H.: *Lál* (male), *Munia* (female), Masuri.

HAB. India generally and Malay countries.
A. B. C. D. Specimens from the vicinity of Calcutta (1843-8). *E.* Do., from Java. Batavian Society (1845).

638. E. FORMOSA.
SYN. *Fringilla formosa*, Latham.
HAB. Central India.
A. B. Adult and young. C. Fraser, Esq. (1844).

Subfam. ? (Allied to *Mino* group, p. 111?).

Genus SCISSIROSTRUM, Guérin.

639. SC. PAGEI, Guérin (*Mag. de Zool*).
HAB. Moluccas.
A. B. Specimens from the Batavian Society (1845).

Subfam. PASSERINÆ.

Genus PASSER, Ray.

640. P. ARCUATUS (*Pl. Enl.* 230, f. 1).
SYN. *Fringilla arcuata*, Latham.
HAB. S. Africa.
A. Male. H. E. Strickland, Esq. (1846).

641. P. DOMESTICUS (*Pl. Enl.* 6, f. 1).
SYN. *Fringilla domestica*, L.
HAB. Europe.
A. B. Males. *C.* Female. From Scotland. Sir W. Jardine, Bt. (1847). *D.* Male. *E. F.* Females. From the Cornish Institution (1846).

642. P. INDICUS, Jardine and Selby (*Ill. Orn.* pl. 118).
Charia, or *Chátá*, B.: *Gourya*, H.
HAB. India generally; Ceylon; Arakan.
A. B. Males. *C.* Female. *D.* Young. From the vicinity of Calcutta (1843-6). *E.* Albino, from Scinde. Sir A. Burnes (1840).

643. P. PYRRHONOTUS, Blyth, *J. A. S.* XIII, 946.
HAB. Scinde.
A. Male (in bad condition). Sir A. Burnes (1840).

644. P. SALICARIA (Savigny, *Desc. Egypt, Nat. Hist.*, I, pl. f. 7).
SYN. *Fringilla salicaria*,
Fr. hispaniolensis, Temminck.
HAB. N. Africa; Sardinia; Sicily; Syria; Afghanistan.
A. Male. *B.* Female. From Algiers. M. Alfred Malherbe (1848).

645. P. CINNAMOMEUS.
SYN. *Pyrgita cinnamomea*, Gould, *P. Z. S.* 1835, p. 85.

HAB. N. W. Himalaya.
A. Male. *B.* Female. Presented by R. W. G. Frith, Esq. (1842). *B.* Male. *C.* Female. From Masuri. Capt. Thos. Hutton (1848). *D.* Very bright male. Masuri. Mr. Borlass (1849).

646. P. FLAVEOLUS, Blyth, *J. A. S.* XIII, 946.
HAB. Arakan; Tenasserim.
A. B. Males. *C.* Female. From Arakan. Capt. Phayre (1845-7).

647. P. MONTANUS (*Pl. Enl.* 267, f. 1).
SYN. *Fringilla montana*, L.
HAB. Temperate parts of Europe and Asia; China; Burmah; Malayan peninsula; Java.
A. Specimen from England. M. Davison (1845). *B. C.* Do., from Arakan (Ramree), Capt. Abbott (1844). *D.* Do., from Chusan. J. McClelland, Esq. (1844). *E.* Young, from Arakan. Capt. Phayre (1847).

Genus PETRONIA, Pr. Bonap.

648. P. STULTA (*Pl. Enl.* 225).
SYN. *Fringilla stulta* et *Fr bononiensis*, Gmelin.
Fr. petronia, L.
Petronia rupestris, Bonap.
HAB. Afghanistan; W. Asia; S. Europe; N. Africa.
A. Specimen from Italy. M. Malherbe (1848).

649. P. FLAVICOLLIS.
SYN. *Fringilla flavicollis*, Franklin, *P. Z. S.* 1831, p. 120.
Raji, or *Jungli Charia*, H.
HAB. India generally (but not on the alluvium of Lower Bengal).
A. B. C. D. Specimens procured in the Mednapur jungles (1847).

Subfam. FRINGILLINÆ.

Genus PLECTROPHANES, Meyer.

650. PL. NIVALIS (*Pl. Enl.* 497, f. 1).
SYN. *Emberiza nivalis*, L.
E. montana et *E. mustelina*, Gm.
E. glacialis, Latham.
HAB. Northern regions.
A. B. C. D. Specimens from Norway. Christiania University (1845). *E. F.* Do. From England. Mr. Bartlett (1843).

Genus CENTROPHANES, Kaup.

651. C. LAPPONICA.
SYN. *Fringilla lapponica*, L.
Fr. calcarata, Pallas.
Fr. montana, Brisson.

HAB. Northern regions.
A. Male. *B.* Female. From Finnmark. M. Malherbe (1848).

Genus MONTIFRINGILLA (?), Brehm.

652. M. (?) NEMORICOLA.
SYN. *Fringillauda nemoricola,* Hodgson, *As. Res.* XIX, 158.
HAB. Himalaya.
A. Specimen from Masuri. Capt. Hutton (1848). *B.* Young. Nepal. B. H. Hodgson, Esq. (1843).

Genus FRINGILLA, L.

653. FR. MONTIFRINGILLA, L. (*Pl. Enl.* 54, f. 2).
SYN. *Loxia hamburghia,* Gmelin.
HAB. Northern and temperate parts of Europe and Asia; Afghanistan; N. W. Himalaya.
A. Male. From the Christiania University (1845). *B. C.* Male and Female, from England. H. E. Strickland, Esq. (1848).

654. FR. CÆLEBS, L. (*Pl. Enl.* 54, f. 1).
HAB. Europe.
A. B. Males. *C. D.* Females: From the Cornish Institution and Mr. Davison (1845-7).

655. FR. (?) DIUCA, Molina (*Voy. de la Favorite,* pl. 17).
HAB. Chili; Patagonia.
A. B. Specimens purchased (1843).

Genus PYRRHOSPIZA, Hodgson.

656. P. PUNICEA, Hodgson, *J. A. S.* XIII, 953.
SYN. *Propyrrhula rubeculoides,* Hodgson, *P. Z. S.* 1845, p. 36.
HAB. Himalaya; Tibet.
A. Female. B. H. Hodgson, Esq. (1843).

Genus PROCARDUELIS, Hodgson.

657. PR. NIPALENSIS, Hodgson.
SYN. *Carduelis nipalensis,* Hodgson, *As. Res.* XIX, 157.
Linota saturata et *L. fusca* (?), Blyth, *J. A. S.* XI, 92-3.
HAB. S. E. Himalaya.
A. B. Males. *C. D.* Females. From Darjiling. Mr Webb (1844).

Genus CARPODACUS.

658. C. RODOPEPLA (Gould's Century, pl. 31, f. 1).
SYN. *Fringilla rodopepla,* Vigors.
HAB. S. E. Himalaya.
A. Male. *B.* Female. B. H. Hodgson, Esq. (1843).

659. C. ——?
HAB. Tyne range, beyond Simla.
A. Female. Capt. Hutton (1849).

660. C. PURPUREUS (Wilson's *Am. Orn.* pl. 7, f. 4).
SYN. *Fringilla purpurea*, Gmelin.
HAB. N. America.
A. Male. Mr. Bartlett (1843).

661. C. RODOCHROUS (Gould's 'Century,' pl. 31, fig. 2).
SYN. *Fringilla rodochroa*, Vigors.
HAB. Himalaya.
A. B. Male, from Masuri. Capt. Hutton (1849). *C.* Male. *D. E.* Females, (not good). Nepal. B. H. Hodgson. Esq. (1844).

662. C. ERYTHRINUS? (Vieillot, *Ois. Chant.* pl. 65).
SYN. *Fringilla erythrina (?)*, Meyer.
Coccothraustes rosea, Vieillot.
Loxia madagascariensis, L.
Pyrrhulinota roseata, Hodgson, *P. Z. S.* 1845, p. 36.
Tuti, or *Surkhar Tuti*, H.
HAB. India generally; Arakan.
A. B. C. Males. *D.* Female. From the vicinity of Calcutta (1843-5).

Genus HÆMATOSPIZA, Hodgson.

663. H. BOETONENSIS?
SYN. *Loxia boetonensis?* Latham.
L. indica? Gmelin, nec Latham.
Corythus sepahi, Hodgson, *As. Res.* XIX, 151.
HAB. Himalaya.
A. B. Males. *C. D.* Females. From Darjiling. Mr. Webb (1844).

Genus PYRRHULA, Mœrhing.

664. P. NIPALENSIS, Hodgson, *J. A. S.* XIX, 155.
HAB. S. E. Himalaya.
A. B. Specimens from Darjiling. Purchased (1849).

665. P. MAJOR, Brehm.
SYN. *Loxia pyrrhula?* Lin.
HAB. Scandinavia; Germany.
A. Male, from Norway. Christiania University (1847).

666. P. VULGARIS, Ray (*Pl. Enl.* 145).
HAB. Europe.
A. B. Males. *C.* Female. From England. Cornish Institution (1845).

667. P. ERYTHROCEPHALUS, Vigors (Gould's 'Century,' pl. 32),
HAB. Himalaya.
A. Male. *B.* Female. From Masuri. Capt. Hutton (1848). *C.* Male. *D.* Female. Nepal. B. H. Hodgson, Esq. (1843).

Genus PROPYRRHULA, Hodgson.

668. PR. SUBHIMACHALA, Hodgson.
SYN. *Corythus subhimachalus*, Hodgson, *As. Res.* XIX, 152.
HAB. N. E. Himalaya.
A. B. Males. *C.* Female. From Darjiling. Mr. Webb (1844). *D. E.* Specimens from Nepal. B. H. Hodgson, Esq. (1843).

Genus STROBILOPHAGA, Vieillot.

669. STR. ENUCLEATOR (*Pl. Enl.* 135; Edwards, 123, 124).
SYN. *Loxia enucleator*, L.
HAB. N. and Alpine Europe. N. Asia: N. America.
A. B. Specimens from Norway. Christiania University (1845). *B. C.* Do., from Germany. H. E. Strickland, Esq. (1848).

Genus LOXIA, L.

670. L. CURVIROSTRIS, L. (*Pl. Enl.* 218).
HAB. Europe; Afghanistan.
A. Male. *B. C.* Females. *D.* Male. *E.* Young. From England. Mr. Davison and the Cornish Institution (1843-6).

671. L. HIMALAYENSIS, Hodgson, *J. A. S.* XIII, 952.
SYN. *L. himalayana*, Hodgson, *P. Z. S.* 1845, p. 35.
HAB. Himalaya.
A. Male. *B.* Female. From Nepal. B. H. Hodgson, Esq. (1843).

Genus CHRYSOMITRIS, Boie.

672. CHR. SPINUS (*Pl. Enl.* 485, f. 3).
SYN. *Fringilla spinus*, L.
HAB. Europe.
A. Male. Cornish Institution (1846). *B.* Another male. France. M. Malherbe (1848). *C.* Another. Mr. Bartlett (1844). *D.* Female. Christiania University (1845).

673. CHR. SPINOIDES (Gould's Century, pl. 33, f. 2).
SYN. *Carduelis spinoides*, Vigors.
HAB. Himalaya.
A. Male. From Masuri. Capt. Hutton (1848). *B. C.* Male and Female. From Darjiling. C. S. Bonnevie, Esq. (1846).

Genus CARDUELIS, Stephens.

674. C. ELEGANS, Stephens (*Pl. Enl.* 4).
SYN. *Fringilla carduelis*, L.
C. communis, Cuvier.
HAB. Europe.
A. B. C. Specimens from Mr. Bartlett (1843).

675. C. CANICEPS, Vigors (Gould's Century, pl. 33, f. 1; Royle's *Ill. Him. Bot.* pl. 8, f. 2).
SYN. *Fringilla orientalis*, Eversmann.
Shira, H.
HAB. Middle Asia; Afghanistan; Kashmir, &c.
A. Specimen presented by L. C. Stewart, Esq. (1845).
B. C. Do. Masuri. Capt. Hutton (1849).

Genus LIGURINUS, Brisson.

676. L. SINICUS (*Pl. Enl.* 257, f. 3).
SYN. *Fringilla sinica*, L.
Loxia sinensis, Gmelin.
Lig. xanthogramma? apud Blyth, *J. A. S.* XIII, 956; vide XVI, 470.
HAB. China.
A. B. Females? Purchased (1844).

677. L. CHLORIS (*Pl. Enl.* 267, f. 2).
SYN. *Loxia chloris*, L.
HAB. Europe.
A. Male (Summer). *B.* Male (winter). *C.* Female. Mr. Bartlett (1843).

Genus CRITHAGRA, Swainson.

678. CR. CANARIA.
SYN. *Fringilla canaria*, L.
HAB. Madeira, &c. (aboriginally).
A. B. C. Domestic varieties. Mr. Moxon (1846-7).

679. CR. BUTYRACEA (Edwards, pl. 84—not good).
SYN. *Fringilla butyracea*, Lin.
Chloris indica, Brisson.
Loxia flaviventris, Gmelin.
Cr. chrysopyga, Swainson.
HAB. S. Africa; Mauritius?
A. Female. Mr. Geoffrey Finch, *J. A. S.* XVII, 250.
B. C. Specimens from the Mauritius. Willis Earle, Esq. (1843).

Genus SERINUS (?), Brehm.

680. S. (?) ? (Described *J. A. S.* XVI, 471).
HAB. Peru.
A. B. Specimens purchased (1843).

681. S. (?) AURIFRONS.
SYN. *Emberiza aurifrons.* Blyth, *J. A. S.* XVI, 476.
HAB. Tyne range, beyond Simla.
A. Male. *B.* Female (?). Capt. Hutton (1849).

Genus ACANTHIS, Meyer.

682. A. CANNABINA (*Pl. Enl.* 151, f. 1).
SYN. *Fringilla cannabina,* L.
Fr. linota, Gmelin.
HAB. Europe.
A. B. Males. *C.* Female. Cornish Institution (1846). *D.* Male. *E.* Female. *F.* Young. Mr. Davison (1843). All from England. *G.* Caged male. Mr. Frith (1846). *H.* Male. Algiers. M. Malherbe (1848).

683. A. MONTIUM (*Pl. Enl.* 485, f. 2).
SYN. *Fringilla montium,* L.
Linaria montana, Brisson.
HAB. Europe.
A. B. Male and female. Mr. Bartlett (1843-6).

684. A. LINARIA (*Pl. Enl.* 151, f. 2).
SYN. *Fringilla linaria,* L.
Linaria minor, Brisson.
HAB. Europe.
A. B. Males. *C.* Female. Mr. Strickland (1846). *D. E.* Males. *F.* Female. Mr. Bartlett (1843).

Genus COCCOTHRAUSTES, Brisson.

685. C. MELANOXANTHUS, Hodgson, *As. Res.* XIX, 150.
HAB. S. E. Himalaya.
A. Male. *B.* Female. *C.* Young. Darjiling. Mr. Webb (1845).

686. C. CARNIPES, Hodgson, *As. Res.* XIX, 151.
SYN. *C. speculigerus* (?), Brandt.
HAB. Himalaya.
A. Female (bad). From Nepal. B. H. Hodgson, Esq. (1843).

687. C. ICTERIOIDES, Vigors (Gould's 'Century,' pl. 45).
HAB. N. E. Himalaya.
A. Male. L. C. Stewart, Esq. (1845). *B.* Male. *C.* Female. Capt. Hutton (1849).

688. C. VULGARIS, Ray (*Pl. Enl.* 99, 100).
SYN. *Loxia coccothraustes,* L.
HAB. Europe.
A. Male. Mr. Bartlett (1843). *B.* Female. (Very bad). Soc. Cab.

Subfam. TANAGRINÆ.

Genus SPERMOPHILA, Swainson.

689. SP. LUCTUOSA.
SYN. *Fringilla luctuosa*, Licht.
HAB. Brazil.
A. Specimen from Mr. Strickland (1847).

Genus PITYLUS, Cuvier.

690. P. AUREOVENTRIS, d'Orbigny.
HAB. S. America.
Specimen from Mr. Bartlett (1843).

Genus CARDINALIS, Bonap.

691. C. DOMINICANA (Edwards, 127).
SYN. *Loxia dominicana*, Gmelin.
HAB. Brazil. Mr. Bartlett (1848).

Genus SALTATOR.

692. S. MAGNUS (*Pl. Enl.* 205).
SYN. *Tanagra magna*, Gmelin.
S. olivaceus, Vieillot.
HAB. Brazil.
A. Specimen presented by H. E. Strickland, Esq. (1848).

693. S. ?
HAB. Chili, or Peru.
A. B. Specimens purchased (1843).

Genus TANAGRA, L.

694. T. VIRENS (Edwards, pl. 351, fig. 1).
SYN. *Loxia virens*, L.
T. prælatus, Lesson.
T. episcopus apud Swainson (vide Strickland, in *Ann. Mag. N. H.* XX, 1847, p. 332).
HAB. Brazil.
A. Specimen from Mr. Bartlett (1845).

Genus CALLISTE, Boie.

695. C. PERUVIANA (Swainson's *Orn, Dr.* pl. 31).
SYN. *Tanagra peruviana*, Desmarest.
Aglaia melanotus, Swainson.
HAB. Peru.

696. C. BRAZILIENSIS (*Pl. Enl.* 179, f. 1).
SYN. *Tanagra braziliensis*, L.
HAB. Brazil.
A. B. Specimens presented by R. W. G. Frith, Esq. (1841).

697. C. VASSORII.
SYN. *Tanagra vassorii*, Boiss, *Rev. Zool.* 1840, p. 4.
HAB. Bogota.
A. Specimen presented by H. E. Strickland, Esq. (1848).

Genus TACHYPHONUS, Vieillot.

698. T. (?) LUNULATUS (Jardine and Selby, *Ill. Orn.*, 2nd series, pl. 36).
SYN. *Tanagra lunulata*, Dubus.
T. Constantii, Brisson.
Aglaia erythrotis, Jardine and Selby.
HAB.
A. Specimen from Mr. Bartlett (1848).

699. T. NIGERRIMUS (*Pl. Enl.* 179, f. 2).
SYN. *Tanagra nigerrima* et *leucoptera*, Gmelin.
T. rufa, Boddaërt, apud G. R. Gray.
Oriolus melaleucos, Sparrman.
HAB. Guiana, Cayenne.
A. Specimen from Mr. Bartlett (1843). *B.* Another. Capt. Phayre (1847).

Genus RAMPHOPIS, Vieillot.

700. R. JACAPA (*Pl. Enl.* 128).
SYN. *Tanagra jacapa*, L.
T. albirostris, Boddaert.
R. purpureus, Vieillot.
R. atrococcineus, Swainson.
HAB. Brazil.
A. Specimen presented by H. E. Strickland, Esq. (1848).

Genus ARREMON, Vieillot.

701. A. ATROPILEUS, Lefresnaye, *Rev. Zool.* 1842, f. 335.
HAB. Bogota.
A. Specimen presented by H. E. Strickland, Esq. (1848).

Genus EUPHONIA, Desmarest.

702. EU. CHLOROTICA, Desm. (*Pl. Enl.* 114, f. 1).
HAB. Brazil.
A. Specimen presented by H. E. Strickland, Esq. (1847).

Subfam. EMBERIZINÆ.

Genus EMBERIZA, L. (*Gundam*, H).

703. E. MILIARIA, L. (*Pl. Enl.* 233).
HAB. Europe.
A. B. C. D. E. Specimens presented by the Cornish Institution, Mr. Davison, and M. Malherbe (1844-8).

704. E. CITRINELLA, L. (*Pl. Enl.* 30, f. 1).
SYN. *E. flava*, Brisson.
HAB. Europe.
A. B. Males. Cornish Institution (1846).

705. E. ALBIDA, Blyth, *J. A. S.* XVIII,
HAB. Tyne range, beyond Simla.
A. Female. Capt. Hutton (1849).

706. E. CIRLUS, L. (*Pl. Enl.* 653, f. 2).
SYN. *E. sepiaria*, Brisson.
HAB. Europe.
A. B. Males. Cornish Institution (1846). *C.* Another. France. M. Malherbe (1848).

707. E. SCHÆNICULUS, L. (*Pl. Enl.* 247, f. 2, 477, f. 2).
SYN. *Passer torquatus*, seu *arundinaceus*, Brisson.
HAB. Europe.
A. B. Males. *C. D.* Female. Cornish Institution and Mr. Bartlett (1843-6).

Genus EUSPIZA, Bonap.

708. EU. MELANOCEPHALUS (Vieillot, *Ois. Chant.*, t. 27).
SYN. *Emberiza melanocephala*, Gmelin.
Fringilla crocea, Vieillot.
Xanthornis caucasicus, Pallas.
Emberiza granativora, Menitries.
Tanagra melanictera, Guldenstadt.
HAB. S. E. Europe.
A. Male. Dalmatia. M. Malherbe (1848).

709. EU. SIMILLIMA, Blyth, *J. A. S.* XVIII,
SYN. *Emberiza melanocephala* of India, Auctorum.
Tanagra rudis (*Mus. Carls.*), Lath.,—the female?
HAB. S. India. (*N. B.* Differs from the preceding species in its much smaller size; the closed wing measuring 3¼ in. instead of 4 in., &c.)
A. Male. T. C. Jerdon, Esq. (1842).

710. EU. LUTEOLA (G. R. Gray, *Ill. Gen. Birds*, pl.).
SYN. *Emberiza luteola* (*Mus. Carls., fasc.* IV, t. 93), Latham, —the female.
E. icterica, Eversmann.
E. bruniceps, Brandt.
Loxia flavicans, var. *A*, Latham.
HAB. Plains of India; Afghanistan, &c.
A. B. Males. *C. D.* Females. From Upper India. L. C. Stewart, Esq. (1845). *E.* Male. Central India. C. Fraser, Esq. (1844). *F.* Female (bad). Buhawulpore, Sir A. Burnes (1840).

711. Eu. AUREOLA.
SYN. *Emberiza aureola*, Pallas.
E. sibirica, Gmelin.
Fringilla pinetorum, Lepech.
HAB. N. Asia.
A. Male, from Siberia. H. E. Strickland, Esq. (1848).

712. Eu. FLAVOGULARIS, Blyth, *J. A. S.* XVIII,
SYN. *Emberiza aureola* of India, Auctorum.
HAB. Nepal; Tippera; Arakan.
A. B. Males. *C.* Female. From Arakan. Capt. Phayre (1844).
(*N. B.* Differs from *Eu. aureola* in having no black on the chin and throat, in the well defined yellow supercilium, &c.)

713. Eu. LATHAMI (Jardine and Selby, *Ill. Orn.* pl. 132).
SYN. *Emberiza Lathami*, Gray.
E. cristata, Vigors.
E. subcristata, Sykes (the female).
E. erythroptera, Jardine and Selby.
E. nipalensis, Hodgson.
Fringilla melanictera, Gmelin.
HAB. Plains and lower hills of India, China, &c.
A. B. Males. *C. D. E.* Females. Capt. Hutton (1849).

714. Eu. PERUVIANA.
SYN. *Pyrgita peruviana*, Lesson, *Rev. Zool. par la Soc. Cuv.* 1839, p. 45.
HAB. Peru. Purchased (1843).

715. Eu. HORTULANA (*Pl. Enl.* 247, *f.* 1).
SYN. *Emberiza hortulana*, L.
E. Buchanani, Blyth, *J. A. S.* XIII, 957.
E. chlorocephala apud Hodgson?
HAB. Europe and Asia; India.
A. Male, from Italy. M. Malherbe (1848). *B.* Do., from Norway. Christiania University (1845).

716. Eu. MELANOPS.
SYN. *Emberiza melanops*, Blyth, *J. A. S* XIV, 554.
E. chlorocephala of Nepal apud Hodgson (?), vide *J. A. S.* XV, 39.
HAB. Tippera.
A. Specimen from Tippera. M. Courjon (1844).

717. Eu. FUCATA.
SYN. *Emberiza fucata*, Pallas.
E. lesbia apud Temminck (nec Gmelin).
E. cia apud Jerdon, *Catal.*
Putthur Chirta, (H. Jerdon).
HAB. Bengal; Deyra Doon; S. India?
A. B. Male and female. From near Calcutta (1842).

718. Eu. PUSILLA?
SYN. *Emberiza pusilla* (*?*), Pallas.
E. sordida, Hodgson, *J. A. S.* XIII, 958 (the female); male described, *J. A. S.* XV, 40.
E. (*Ocyris*) *oinops*, Hodgson, *P. Z. S.* 1845, p. 35.
HAB. S. E. Himalaya.
A. Female, from Darjiling. C. S. Bonnevie, Esq. (1846).

719. Eu. CIA (*Pl. Enl.* 30, f. 2; 511, f. 1).
SYN. *Emberiza cia*, L.
E. barbata, Scopoli.
E. lotharingica, Gmelin.
HAB. Europe and Asia.
A. B. C. D. Specimens from near Masuri. Capt. Hutton (1848).

720. Eu. (FRINGILLARIA) CÆSIA (Ruppel, *Atlas*, t. 10, f.).
SYN. *Emberiza cæsia*, Cretsch.
E. rufibarba, Hemprich and Ehrenberg.
HAB. S. Europe; N. Africa.
A. Male. Italy. M. Malherbe.

721. Eu. (NIPHÆA) HYEMALIS (Wilson's *Am. Orn.* pl. 16, of 6).
SYN. *Fringilla hyemalis*, Gmelin.
HAB. Northern regions of Europe, Asia, and America.
A. Specimen from Siberia. M. Malherbe (1848).

Genus PASSERELLA, Swainson.

722. P. ILIACA (Wilson's *Am. Orn.* pl. 22 f. 4).
SYN. *Fringilla iliaca*, Gmelin.
Fr. rufa, Wilson.
HAB. N. America.
A. Specimen presented by Mr. Lea of Philadelphia (1831).

Subfam. ACCENTORINÆ.

Genus ACCENTOR, Bechstein.

723. A. ALPINUS (Gould's *B. E.* pl. 99).
SYN. *Sturnus alpinus*, Gmelin.
HAB. Europe.
A. B. Specimens from Switzerland. M. Malherbe (1848).

724. A. NIPALENSIS, Hodgson, *J. A. S.* XII, 958; *P. Z. S.* 1845, p. 34.
SYN. *A. immaculatus*, Hodgson (in abraded plumage).
A. cacharensis, Hodgson (in first plumage).
A. Fine adult. *B.* Do., worn plumage (sent as *A. immaculatus*, Hodgson). *C.* Young (sent as *A. cacharensis*, Hodgson). From Nepal. B. H. Hodgson, Esq. (1843).

725. A. VARIEGATUS, Blyth, *J. A. S.* XII, 958 (described XI, 187).
HAB. Sikim.
A. Specimen presented by J. T. Pearson, Esq. (1842).

726. A. STROPHIATUS, Hodgson, *J. A. S.* XII, 959; *P. Z. S.* 1845, p. 34.
HAB. Himalaya generally.
A. B. Specimens from Nepal. B. H. Hodgson, Esq. (1843). *C. D.* Do., from Masuri. Capt. Hutton (1848).

727. A. ATROGULARIS, Hutton, *J. A. S.* XVIII,
HAB. Tyne range, beyond Simla.
A. Specimen presented by Capt. Hutton (1849).

728. A. MODULARIS (*Pl. Enl.* 615, f. 1).
SYN. *Motacilla modularis*, L.
HAB. Europe.
A. B. C. Specimens from the Cornish Institution and Mr. Davison (1843-5).

729. A. MOLLIS, Blyth, *J. A. S.* XIV, 581.
HAB. Sikim.
A. Specimen presented by Mr. Webb (1845).

Subfam. ALAUDINÆ.

Genus MELANOCORYPHA, Boie.

730. M. TARTARICA.
SYN. *Alauda tartarica*, Pallas.
A. nigra, Falck.
A. mutabilis and *B. yeltoniensis*, Forster.
Tanagra sibirica, Sparrman.
HAB. N. Asia and N. E. Europe.
A. Specimen from Siberia. H. E. Strickland, Esq. (1848).

731. M. CALANDRA (*Pl. Enl.* 363, f. 2).
SYN. *Alauda calandra*, L.
HAB. S. Europe; W. Asia; N. Africa.
A. Specimen from Syria. *B.* Do., Europe. H. E. Strickland, Esq. (1846-8). *C.* Do., Algiers. *D.* Do., Italy. M. Malherbe (1848).

Genus ALAUDA, L.

732. A. ARVENSIS, L. (*Pl. Enl.* 363, f. 1).
SYN. *A. cœlipeta*, Pallas,
A. italica, Gmelin,
A. longipes, Latham,
A. dulcivox, Hodgson.
} apud G. R. Gray.

HAB. Europe and Asia: Sub-Himalaya.
A. B. C. Adults. *D.* Young. England. Cornish Institution (1845). *E. F.* Specimens from Nepal. B. H. Hodgson, Esq. (1842).

733. A. GULGULA, Franklin.
SYN. *A. gangetica*, Blyth.
A. gracilis, Blyth, var.
A. leiopus, Hodgson, var.
HAB. India generally.
1. Low country variety. *A. B.* Adults. *C.* Young. *D.* Dusky cage variety. *E.* Var. (*A. gracilis*, Bl., *J. A. S.* XI, 201). From the vicinity of Calcutta (1843-6). 2. Hill variety (much deeper-coloured). *F. G.* Specimens from Nepal (sent as *A. dulcivox*). B. H. Hodgson, Esq. (1842). *H. I. J.* Do., from the Nilgiris. T. C. Jerdon, Esq. (1843).

734. A. MALABARICA, Scopoli.
SYN. *A. deva*, Sykes.
HAB. S. India.
A. Specimen presented by T. C. Jerdon, Esq. (1844).

735. A. ARBOREA, L. (*Pl. Enl.* 503, f. 2).
SYN. *A. nemerosa*, Gmelin.
A. cristatella, Latham.
HAB. Europe.
A. B. C. Specimens from England. Cornish Institution and Mr. Bartlett (1843-6).

Subgenus CALANDRELLA, Kaup.

736. C. BRACHYDACTYLA.
SYN. *Alauda brachydactyla*, Temminck.
A. calandrella, Bonelli.
A. arenaria, Stephens.
A. dukhunensis, Sykes.
Emberiza baghaira, Franklin.
E. olivacea, Tickell, *J. A. S.* II, 578.
Baay-geyra Lark, Latham.
Baghairi, H. *Ortolan* of Europeans in India.
HAB. Europe, Asia, and N. Africa. Common in India.
A. B. C. Specimens from the neighbourhood of Calcutta (1842). *D.* Do., Algiers. M. Malherbe (1848).

737. C. RAYTAL, Blyth.
SYN. *Alauda raytal*, Buchanan Hamilton, *J. A. S.* XIII, 962, XV, 40.
HAB. Dry sand-dunes of Ganges, Indus, &c.
A. B. Adults. *C.* Young. Banks of the Hooghly (1845).

Genus CERTHILAUDA, Swainson.

738. C. DESERTORUM (Ruppel's *Atlas*, t. 5).
SYN. *Alauda desertorum*, Stanley.
A. bifasciata, Lichtenstein.
Saxicola pallida, Blyth, *J. A. S.* XVI, 130.
HAB. Deserts of W. Asia and N. Africa.
A. Female (in bad order), from Sindh.

Genus GALERIDA, Boie.

739. G. CRISTATA (*Pl. Enl.* 503, f. 1, 662).
SYN *Alauda cristata*, L.
A. galerita, Pallas,
A. undata, Gmelin,
A. matutina, Boddaert,
} apud G. R. Gray.
HAB. Europe; N. Africa.
A. Specimen from Algiers. M. Malherbe (1848).

740. G. CHENDOOLA.
SYN. *Alauda chendoola*, Franklin.
A. gulgula apud Sykes.
Crested Calandre Lark, Latham.
Chendul, H.
HAB. Sandy plains of India.
A. B. Specimens from the Upper Ganges, presented by Capt. Boys (1846-7). *C.* Large specimen, from Kandahar. Capt. Hutton (1849).

741. G. BOYSII, Blyth.
SYN. *Certhilauda Boysii*, Blyth, *J. A. S.* XV, 41.
HAB. Bengal.
A Adult. *B.* Young. Purchased, caged (1846).

Genus MIRAFRA, Horsfield.

742. M. HAYII, Jerdon, *J. A. S.* XIII, 959.
HAB. Coromandel Coast.
A. B. Specimens presented by Mr. Jerdon (1844-7).

743. M. AFFINIS, Jerdon, *J. A. S.* XIII, 959.
HAB. Middle and S. India; Ceylon.
A. B. C. D. Specimens procured in the Mednapur district (1847). *E. F. G. H.* Do., from S. India. T. C. Jerdon, Esq. (1844), *I.* Do., from Ceylon. E. L. Layard, Esq. (1848).

744. M. ERYTHROPTERA, Jerdon, *J. A. S.* XIII, 958 (*Ill. Ind. Orn.*, pl. 38).
HAB. S. India.
A. B. C. D. Adults. *E.* Young. T. C. Jerdon, Esq. (1844-6).

745. M. CANTILLANS, Jerdon, *J. A. S.* XIII, 960.
HAB. India generally; rare in Lower Bengal.
Agghun, H.
A. B. Specimens from the vicinity of Calcutta (1844-6).

746. M. ASSAMENSIS, McClelland, *P. Z. S.* 1839, p. 162.
SYN. *Alauda mirafra*, Temminck (apud Jerdon, nec apud G. R. Gray).
Finch Lark, Latham.
HAB. Bengal: Nepal; Assam.
A. Adult. *B.* Do., pale. *C. D.* Young. From the neighbourhood of Calcutta (1843-4).

747. M. PHŒNICURA, Franklin, *P. Z. S.* 1831, p. 119.
HAB. S. India.
A. B. C. D. Specimens presented by T. C. Jerdon, Esq. (1843-6).

Genus PYRRHULAUDA, A. Smith.

748. P. GRISEA (*Pl. Col.* 269, f. 2).
SYN. *Alauda grisea*, Scopoli.
A. gingica, Gmelin.
Fringilla crucigera, Temminck.,
Chak Bharái; Dhulo Cháta, Beng; *Decora*, H., vulgo; *Dubhuk Chari* ('Squat Sparrow') H. (Jerdon).
HAB. India generally.
A. Male. *B.* Female. *C.* Young. Vicinity of Calcutta (1842-3).

Incertæ Sedis.

Genus PANURUS, Koch.

749. P. BIARMICUS (*Pl. Enl.* 618, f. 1, 2).
SYN. *Parus biarmicus*, L.
HAB. Europe; W. Asia.
A. B. Males. *C.* Female. Mr. Bartlett, (1844).

Fam. MOTACILLIDÆ.

Genus SEIURUS, Swainson.

750. SE. AURICAPILLUS (Wilson's *Am. Orn.* pl. 14, f. 2).
SYN. *Turdus auricapillus*, L.
HAB. N. America.
A. Specimen presented by Lord Arthur Hay (1845).

Genus HETERURA, Hodgson.

751. H. SYLVANA, Hodgson, *J. A. S.* XIV, 556; *P. Z. S.* 1845, p. 33 (Jardine's *Contrib. Orn.* 1848, pl.).
HAB. Himalaya.

A. Specimen presented by Capt. HUTTON (1849). *B.* Do., B. H. Hodgson, Esq. (1842).

Genus ANTHUS, Bechstein.

Subgenus DENDRONANTHUS, Blyth.

752. D. TRIVIALIS (*Pl. Enl.* 660, f. 1).
SYN. *Alauda trivialis*, L.
A. minor, Bewick.
Anthus arboreus, Temminck.
HAB. Europe and N. Asia; Himalaya.
A. B. Specimens from England. Mr. Kirtland (1845). *C.* Another, from Nepal. B. H. Hodgson, Esq. (1842). *D.* Do., from Ferozepore. Capt. Boys (1846). *E.* Do. From Masuri. Capt. Hutton (1847).

753. D. MACULATUS.
SYN. *Anthus maculatus* et *A. brevirostris*, Hodgson.
Musarichi, H. (Jerdon).
HAB. India generally.
A. B. Specimens from the vicinity of Calcutta (1842). *C.* Variety? Shot on the plain of Palási (1846), and described in *J. A. S.* XVI, 431.

Subgenus ANTHUS, Auct.

754. A. SIMILIS, Jerdon (*Ill. Ind. Orn.* pl. 45).
SYN. *Agrodoma similis*, Jerdon, *Madr. Journ.* XI, 35.
HAB. Nilgiris: N. W. Himalaya.
A. Specimen presented by T. C. Jerdon, Esq. (1843).

755. A. RICHARDI, Vieillot (*Zool. Journ.* Vol. I, pl. 14).
HAB. Europe, Asia, and N. Africa.
A. B. C. Specimens from the vicinity of Calcutta (1842-3). *D.* Partial albino. Do. (1844). *E.* Young female. Sicily. M. Malherbe (1848).

756. A. AUSTRALIS, Vieillot (Gould's *B. A.* Vol. III, pl. 73).
HAB. Australia.
A. Specimen received from the Sydney Institution (1846).

757. A. RUFULUS, Vieillot.
SYN. *A. agilis* apud Jerdon (nec Sykes).
A. malayensis, Eyton.
A. pallescens apud Sundevall.
A. pratensis of Sumatra, Raffles.
Slender Lark, Latham.
Rugail, H. (Jerdon); *Lancha-lancha*, or *Hamba Puyu*, Sum.
HAB. India generally and Malay countries.
A. B. Adults. *C.* Young. From the vicinity of Calcutta (1843-4).

758. A. STRIOLATUS, Blyth, *J. A. S.* XVI, 435.
SYN. *A. pelopus* (*?*), Hodgson, G. R. Gray, *Brit. Mus. Catal.*
HAB. Himalaya, S. India.
A. Specimen from Darjiling. Purchased (1843).

759. A. MONTANUS, Jerdon, *J. A. S.* XVI, 435.
SYN. *A. rufescens* apud Jerdon, *Catal.*
HAB. Nilgiris.
A. Specimen presented by T. C. Jerdon, Esq. (1843).

760. A. CAMPESTRIS (*Pl. Enl.* 661).
SYN. *Alauda campestris*, L.
A. rufescens, Bechstein, Temminck.
A. rufulus apud Jerdon, *Catal.*
Chillu, H. (Jerdon).
HAB. Europe, Asia, N. Africa.
A. B. C. Specimens from near Mednapur (1846). *D.* Do. Algiers. M. Malherbe (1848).

761. A. PRATENSIS (*Pl. Enl.* 661, f. 2).
SYN. *Alauda pratensis*, L.
HAB. Europe, Asia, N. Africa.
A. B. C. D. E. Specimens from England. Mr. Bartlett (1844). *F.* Do. Algiers. M. Malherbe (1848).

762. A. OBSCURUS.
SYN. *Alauda obscura*, Gmelin.
A. campestris, Bewick.
Anthus petrosus, Fleming.
A. aquaticus apud Selby.
HAB. British Islands. Rare on the Continent of Europe.
A. B. C. D. Specimens from the Cornish Institution (1846), and Mr. Bartlett (1843).

763. A. AQUATICUS, Bechstein.
SYN. *Alauda spilonetta* (?) L.
HAB. Continental Europe; N. Africa.
A. B. Specimens from Algiers. M. Malherbe (1848).

764. A. CERVINUS (Denon's Egypt, *Hist. Nat.* pl.).
SYN. *Motacilla cervina*, Pallas.
Anthus rufogularis, Brehm.
A. aquaticus ? apud Blyth, *J. A. S.* XVI, 437.
HAB. S. E. Himalaya; N. Europe; N. Africa.
A. B. C. Specimens (in bad order). Nepal. B. H. Hodgson, Esq. (1843).

Genus NEMORICOLA, Blyth.

765. N. INDICA (Vaill. *Ois. d'Afr*, t. 179).
SYN. *Motacilla indica*, Gmelin.
M. variegata, Vieillot (nec Stephens).
Mhamula, H. (Jerdon). *Nget Rahat*, Arakan.

HAB. India generally; Burmah; Malayan peninsula; Sumatra. Vicinity of Calcutta at all seasons.

A. B. Specimens from the vicinity of Calcutta (1844-5).

Genus MOTACILLA, L. (as restricted).

766. M. MADERASPATANA, Brisson (nec Linnæus; Vaill. *Ois. d'Afr.* t. 184),

SYN. *M. maderaspatensis*, Gmelin.
M. maderas et *M. variegata*, Stephens (nec Vieillot).
M. picata, Franklin.
Pied Wagtail, Latham.

HAB. Hindustan generally; Rajmahl; Darjiling: never in Lower Bengal.

A. Specimens presented by L. C. Stewart, Esq. (1845).
B. Do., from S. India. T. C. Jerdon, Esq. (1842).
C. D. Do., from Darjiling. Purchased (1849).

767. M. YARRELLII, Gould.

SYN. *M. alba* of previous British authors.

HAB. Great Britain. Rare in continental Europe.

A. B. C. D. Specimens from the Cornish Institution (1845) and Mr. Bartlett (1843).

768. M. ALBA, L. (*Pl. Enl.* 652).

SYN. *M. albida* et *M. cinerea*, Gmelin.

HAB. Europe and W. Asia; Afghanistan? Very rare in the British Islands.

A. B. Specimens from Norway. Presented by the Royal University of Christiania (1846).

769. M. DUKHUNENSIS, Sykes, *P. Z. S.* 1832, p. 91.

SYN. *M. alba* apud Jerdon.
Dhobin, H. (Jerdon).

HAB. N.W., Central, and S. India. Afghanistan?

A. B. Specimens from the Deyra Doon. Capt. Hutton (1849).

770. M. LUZONIENSIS, Scopoli.

SYN. *M. alba*, var. γ, Latham.
M. leucopsis, Gould, *P. Z. S.* 1837, p. 78.
M. alboides, Hodgson, *As. Res.* XIX, 190.
Khanjan, H.

HAB. Bengal; Nepal; Philippines.

A. B. C. D. E. F. Specimens in various states of plumage, from the vicinity of Calcutta (1847).

771. M. BOARULA, L. (*Pl. Enl.* 18, f. 1; Edwards, pl. 259).

SYN. *M. sulphurea*, Bechstein.

HAB. Europe, Asia and its archipelago, Africa, and Australia.

A. Specimen in summer dress, from Masuri. Capt. Hutton (1848). *B. C.* Do., winter dress. Calcutta (1843-4).
D. E. Two specimens from England. Mr. Bartlett (1843).

Genus BUDYTES, Cuvier.

772. B. CITREOLA.

SYN. *Motacilla citreola*, L.
M. scheltobriusk, Lepech.
B. calcaratus, Hodgson, *As. Res.* XIX, 190.
Zurcha, Kabul,

HAB. Asia generally, and E. Europe.

A, B. C, D. E. Specimens in winter dress from the vicinity of Calcutta (1842-3). *F.* Specimen in summer dress, from Masuri. Capt. Hutton (1849). *G.* Skin from Nepal. B. H. Hodgson, Esq. (1842).

773. B. RAII, Bonap. (Edwards, pl. 258).

SYN. *B. flava*, Gould (*B. E.*), and of previous British writers.
Motacilla flaveola, Temminck.

HAB. British Islands, in summer. Rare on the continent of Europe.

A B. C. D. Specimens from England. Cornish Institution (1845), and Mr. Bartlett (1843). *E.* Variety? Algiers. M. A. Malherbe (1848).

774. B. FLAVA (*Pl. Enl.* 674).

SYN. *Motacilla flava*, L.
B. neglecta, Gould.

HAB. Europe and N. Africa: rare in the British Islands.

A. B. Specimens from Norway (1844). *C.* Fine male, from Algiers. M. Malherbe (1847).

775. B. VIRIDIS (Brown's 'Illustrations,' pl. 33,—bad).

SYN. *Motacilla viridis*, Scopoli.
M. bistrigata, Raffles.
B. beema, Sykes.
B. flava (?) et *neglecta* apud Jerdon.
Wagtail Lark, Latham (young female).
Pilkya, H.; *Bessit*, Java.

HAB. India generally and Malay countries; S. Europe? N. Africa?

A. B. C. D. E. F. G. H. I. J. K. Specimens in various states of plumage, from the vicinity of Calcutta (1842-9). *L.* Albino, presented by W. Bracken, Esq. (1844). *M.* Specimen from Algiers, sent as *B. melanocephala* by M. Malherbe (1848). (*N. B.* This quite resembles the Bengal species, which latter is never black-headed. Vide *J. A. S.* XVIII, 82).

776. B. MELANOCEPHALA, Sykes, *P. Z. S.* 1832, p. 90; also of Lichtenstein?

HAB. S. E. Europe; W. and middle Asia; Hindustan.

A. Male. *B.* Female, From Kandahar. Capt. Hutton (1849).

777. B. CINEREOCAPILLA, Bonap.
SYN. *Motacilla Feldaggii*, ——?
HAB. S. Europe; N. Africa.
A. Male, from Algiers. M. Malherbe (1848).

Fam. SPHENURIDÆ.

Genus CINCLOSOMA, Vigors and Horsfield.

778. C. PUNCTATUM (Gould's *B. A.* Vol. IV, pl. 4).
SYN. *Turdus punctatus*, Latham.
HAB. E. and S. Australia; V. D. Land.
A. Specimen (in bad order). Mr. Cracroft (1837).

Genus CINCLORHAMPHUS, Gould.

779. C. CANTILLANS, Gould (*B. A.* Vol. III, pl. 75).
HAB. W. Australia.
A. Specimen from the Sydney Institution (1846).

780. C. RUFESCENS (Gould's *B. A.* Vol. III, pl. 76).
SYN. *Megalurus rufescens*, Vigors and Horsfield.
HAB. Australia.
A. B. Specimens from Port Philip. Mr. Benson (1846).

Genus MEGALURUS, Horsfield.

781. M. PALUSTRIS, Horsfield (*P. C.* 65, f. 2); *J. A. S.* XIII, 372.
SYN. *Malurus marginalis*, Reinwardt.
Larri-angon, Jav.
HAB. Bengal; Tippera; Arakan; Java.
A. Male, from Arakan. Capt. Barry (1849). *B*. Female. From Tippera. M. Courjon (1846). *C*. Male. *D*. Female. *E*. Young male. *F*. Young female. Calcutta bazar (1843-6): all more or less mutilated by the dealers.

Genus SPHENURA, Lichtenstein.

782. SPH. STRIATA (*J. A. S.* XIII, 373).
SYN. *Megalurus? striatus*, Jerdon, *Madr. Journ.* XIII, 169 (the female).
Dasyornis locustelloides, Blyth, *J. A. S.* XI, 602.
HAB. Bengal; S India.
A. B. C. D. Males. *E*. Female. From vicinity of Calcutta (1842-6).

Genus STIPITURUS, Lesson.

783. ST. MALACHURUS (Gould's *B. A.* Vol. III, pl. 31).
SYN. *Muscicapa malachura*, Shaw.
HAB. E. S. and W. Australia.
A. Male. V. D. Land, C. Huffnagle, Esq. (1844). *B*. Another. Pt. Philip. Mr. Benson (1847). *C*. Female (injured). Mr. Cracroft (1837).

Genus MALURUS, Vieillot.

784. M. CYANEUS (Gould's *B. A.* Vol. III, pl. 18).
SYN. *Motacilla cyanea*, Ellis.
M. superba, Shaw.
HAB. N. S. Wales.
A. B. C. Specimens presented by Mr. Benson (1847).

785. M. SPLENDENS (Gould's *B. A.* Vol. III, pl. 20).
SYN. *Saxicola splendens*, Quoy and Gaymard.
M. pectoralis, Gould.
HAB. Australia.
A. B. Males. V. D. Land. C. Huffnagle, Esq. (1844).

Genus SPHENÆACUS (?), Strickland.
(*Laticilla*, olim *Eurycercus*, Blyth, *J. A. S.* XIII, 374; XIV, 596).

786. SPH. (?) BURNESII.
SYN. *Eurycercus Burnesii*, Blyth, *J. A. S.* XIII, 374.
HAB. Sindh.
A. Specimen presented by Sir A. Burnes (1841).

Genus DUMETIA, Blyth.

787. D. HYPERYTHRA.
SYN. *Timalia hyperythra*, Franklin.
HAB. Central India.
A. B. Specimens procured in the Mednapur jungles (1847).

788. D. ALBOGULARIS.
SYN. *Malacocercus* (?) *albogularis*, Blyth, *J. A. S.* XVI, 453.
Timalia hyperythra apud Jerdon, *Catal.*
Shah Dumri, H. ? (Jerdon).
HAB. S. India; Ceylon.
A. B. Specimens from S. India. T. C. Jerdon, Esq. (1842-6). *C.* Do. Ceylon. E. L. Layard, Esq. (1848).

Genus MALACOCERCUS, Swainson.

789. M. NIPALENSIS.
SYN. *Timalia nipalensis* vel *leucotis*, et *T. pellotis*, Hodgson, *As. Res.* XIX, 182.
HAB. Nepal.
A. Specimen sent as *T. nipalensis*. *B.* Do., as *T. pellotis*. Nepal. B. H. Hodgson, Esq. (1842).

790. M. BENGALENSIS (Edwards, pl. 184, badly coloured).
SYN. *Merula bengalensis*, Brisson.
Turdus canorus, L.
Pastor terricolor, Hodgson, *J. A. S.* V, 771.
Sat Bhai ('seven brothers'), H.: *Chatarrhea*, B.
HAB. Bengal; Nepal; Assam; Deyra Doon; Ceylon.
A. B. Specimens from the vicinity of Calcutta (1843). *C.* Do. (*M. orissæ*, Jerdon), from Gumsur. Capt. McPher-

son (1845). *D.* Do. From Deyra Doon. Capt. Hutton (1849). *E.* Ceylon race (*M. striatus*, Swainson, *Zool. Ill.* 2nd series, pl. 127). Willis Earle, Esq. (1843). *F.* Another. R. Templeton, Esq. (1846).

791. M. MALABARICUS, Jerdon (*Ill. Ind. Orn.*, art. *M. griseus*).
SYN. *M. Somervillei* apud Jerdon, *Catal.*
Jungli Kúr or *Kajr*, H. (Jerdon).
HAB. Malabar; sides of Nilgiris.
A. B. C. Specimens presented by T. C. Jerdon, Esq. (1842-6).

792. M. GRISEUS (Jerdon's *Ill. Ind. Orn.* pl. 19).
SYN. *Turdus griseus*, Latham.
Keyr, H.: *Chinda*, or *Sida*, Telegu: *Kullu Kooravi* ('Hedge-bird'), Tamool: *Kuliyan*, Malayalum (Jerdon).
HAB. Carnatic, and its immediate vicinity.
A. B. Specimens presented by T. C. Jerdon, Esq. (1842-6).

793. M. RUFESCENS, Blyth, *J. A. S.* XVI, 453.
HAB. Ceylon.
A. B. Specimens presented by R. Templeton, Esq. (1846). *C.* Another. E. L. Layard, Esq. (1848).

794. M. MALCOLMI (Hardwicke's *Ill. Ind. Zool*).
SYN. *Timalia Malcolmi*, Sykes.
Garrulus albifrons, (Gray and Hardw).
Pale-eared Thrush, Latham.
Ghoghoye, H.; *Gougya*, Can.; *Kokutti*; Mahr. (Jerdon).
HAB. S. India: Cawnpore district.
A. B. C. Specimens from S. India. T. C. Jerdon, Esq. (1842-6).

795. M. SUBRUFUS, Jerdon.
SYN. *Timalia subrufa*, Jerdon, *Catal.*
T. pœcilorhyncha, de la Fresnaye.
HAB. S. India: Wynaad, and along the margins of the W. Ghâts.
A. B. Specimens presented by T. C. Jerdon, Esq. (1842-7).

796. M. EARLEI, Blyth, *J. A. S.* XIII, 369.
SYN. *M. geochrous*, Hodgson.
HAB. Bengal; Nepal; Tippera.
A. Male. *B.* Female. *C.* Young. Bengal (1844-5).

797. M. CAUDATUS.
SYN. *Cossyphus caudatus*, Dumeril.
Megalurus isabellinus, Swainson, 2¼ Cent.
Timalia chatarrhœa, Franklin.
Dumri, H.; *Huni*, Tam.? (Jerdon); *Hedo*, and *Laila*, Sindh.

HAB. India generally.

A. B. C. Specimens from Lower Bengal (1846). *D.* Do., from Sinde. Sir A. Burnes (1841).

Genus DRYMOICA, Swainson.

Futki, and *Pitpiti*, H.; *Nhan-byee-tsop*, or *Nhan-soop*, Arakan.

798. DR. CRINIGER.

SYN. *Suga criniger*, Hodgson, *As. Res.* XIX, 183.

HAB. Himalaya.

A. Specimen from Darjiling. Mr. Webb (1845). *B. C.* Others from Masuri. Capt. Hutton (1849).

799. DR. SYLVATICA.

SYN. *Prinia sylvatica*, Jerdon, *Madr. Journ.* XI, 4.

HAB. Nilgiris.

A. B. Specimens presented by T. C. Jerdon, Esq. (1842-6).

800. DR. ROBUSTA, Blyth, *J. A. S.* XVIII,

HAB. Ceylon.

A. Specimen presented by E. L. Layard, Esq. (1849). (*N. B.* This differs from *D. sylvatica* in its darker shade of colour above, and larger and stronger bill and legs, which last appear to have been of a deep reddish-brown colour: the flanks and sides of the breast are duskyish).

801. DR. NEGLECTA.

SYN. *Prinia neglecta*, Jerdon, *Madr. Journ.* XIII, pt. II, 130.

Dr. sylvatica of Mednapur apud Blyth, *J. A. S.* XVI, note to p. 459.

HAB. Central India.

A. Specimen procured near Mednapur (1847). (*N. B.* This differs from *Dr. sylvatica* in its more rufescent tinge throughout, the wing-feathers being margined with dull rufous; and the flanks are largely and deeply tinged with brown, extending up the sides of the breast).

802. DR. ——— ?

HAB. Java.

A. Specimen presented by the Batavian Society (1845). (*N. B.* Very like *Dr. sylvatica*, but smaller, with more conspicuously whitish lores and throat. Vide *J. A. S.* XVI, 459).

803. DR. JERDONI, Blyth, *J. A. S.* XVI, 459.

HAB. S. India.

A. Specimen presented by T. C. Jerdon, Esq. (1846).

804. DR. INORNATA.

SYN. *Prinia inornata*, Sykes, *P. Z. S.* 1832, p. 89.

HAB. Hindustan generally; S. India; Ceylon.
A. B. C. Specimens from S. India. T. C. Jerdon, Esq. (1842-6). *D. E.* Do. (one tail-less). Upper Provinces. Lord A. Hay (1846). *F.* Variety? Ceylon. E. L. Layard, Esq. (1848). (*N. B.* This Ceylon race is darker above, especially on the crown, the lores and throat conspicuously whitish, as in No. 800).

805. DR. FRANKLINII.
SYN. *Prinia Franklinii*, Blyth, *J. A. S.* XIII, 376.
Pr. macroura, Franklin, *P. Z. S.* 1831, p. 118.
Pr. fusca, Hodgson, *P. Z. S.* 1845, p. 29.
Sylvia longicaudata (?), Tickell, *J. A. S.* II, 576.
HAB. Bengal; Nepal; Arakan.
A. B. C. Specimens from near Calcutta (1845).

806. DR. BUCHANANI, Blyth, *J. A. S.* XIII, 376.
SYN. *Prinia rufifrons*, Franklin (nec Ruppell).
Pr. brunnifrons, Hodgson, *An. Mag. N. H.* 1845, p. 29.
Sylvia longicauda, var *A* (?), Latham.
HAB. Nepal; Upper Bengal; S. India.
A. Adult. From S. India. T. C. Jerdon, Esq. (1842).
B. Another. *C.* Young. From Upper Provinces. L. C. Stewart, Esq. (1845).

807. DR. LEPIDA, Blyth, *J. A. S.* XIII, 376; XVI, 460.
HAB. Margins of sand-deposits of rivers in Bengal: also Sindh.
A. B. C. Specimens procured along the Hooghly (1846).
D. Another (in bad order). Sindh. Sir A. Burnes (1841).

Genus PRINIA, Horsfield.

808. PR. HODGSONII, Blyth, *J. A. S.* XIII, 376.
SYN. *Pr. gracilis* apud Jerdon (nec Franklin, nec *Malurus gracilis*, Ruppell).
HAB. Nepal; S. India.
A. B. C. Specimens from S. India. T. C. Jerdon, Esq. (1842-6).

809. PR. GRACILIS, Franklin, *P. Z. S.* 1831, p. 119.
HAB. Central India.
A. B. C. Specimens from Mednapur Jungles (1847).

810. PR. RUFESCENS, Blyth, *J. A. S.* XVI, 456.
HAB. Arakan.
Specimen presented by Capt. Phayre (1846).

811. PR. SOCIALIS, Sykes, *P. Z. S.* 1832, p. 89.
SYN. *Foodkey Warbler*, Latham.
HAB. S. India.
A. B. C. Specimens presented by T. C. Jerdon, Esq. (1842-6).

812. Pr. Stewarti, Blyth, *J. A. S.* XVI, 455.
Syn. *Sylvia kalaphutki*, B. Ham. *MS.*
Flaxen Warbler, var *A.*, Latham.
Hab. Upper Provinces of Bengal Presidency.
A. B. C. Specimens from the vicinity of Agra. L. C. Stewart, Esq. (1845).

813. Pr. flaviventris.
Syn. *Orthotomus flaviventris*, Ad. Delessert.
Hab. Nilgiris? Bengal Sundarbans; Tenasserim; Malacca.
A. B. Specimens from the vicinity of Calcutta (1844-6).

Genus Neornis, Hodgson.

814. N. flavolivacea, Hodgson, *J. A. S.* XIV, 590 (the young).
Syn. *Drymoica brevicaudata*, Blyth, *J. A. S.* XVI, 459 (the adult).
Hab. Nepal; Darjiling.
A. Specimen from Darjiling. C. S. Bonnevie, Esq. (1846).
B. Do. Young. Nepal. B. H. Hodgson, Esq. (1843).

Genus Orthotomus, Horsfield.

815. O. longicauda.
Syn. *Motacilla longicauda* et *M. sutoria*, Gmelin.
Sylvia gracilis, Latham.
S. ruficapilla, Hutton, *J. A. S.*
Orthotomus Bennettii et *O. lingoo*, Sykes.
O. sphenurus, Swainson, 2¼ *Cent.*
O. sutoria and *O. patia*, Hodgson, *P. Z. S.* 1845, p. 29.
Tuntuni, Beng.
Hab. India generally; Ceylon; Burmese countries; Malayan peninsula.
A. B. C. D. Specimens from the vicinity of Calcutta (1842-9). *E. F. G.* Do., from Ceylon. E. L. Layard, Esq. (1848). *H.* Do., from Malacca. Mr. E. Lindstedt (1847).

816. O. edela, Temminck.
Syn. *Edela ruficeps*, Lesson.
Motacilla sepium apud Raffles.
Kachichi, Malay.
Hab. Malayan peninsula; Sumatra.
A. B. C. D. Specimens from Malacca. Presented by R. W. G. Frith, Esq. (1847), and E. Lindstedt, Esq. (1846).

817. O. cineraceus, Blyth, *J. A. S.* XIV, 589.
Hab. Malayan peninsula.
A. Specimen presented by Rev. F. W. Lindstedt (1846).

818. O. SEPIUM, Horsfield.
HAB. Java.
Chiglet, Java.
A. Specimen presented by the Batavian Society (1845).

Genus HORIETES, Hodgson.

819. H. BRUNNIFRONS, Hodgson, *J. A. S.* XIV, 585.
SYN. *H. schistilatus*, Hodgson, *P. Z. S.* 1845, p. 30.
Nivicola schistilata, Hodgson, *J. A. S.* XIV, 586.
HAB. S. E. Himalaya, near the snow region.
A. B. Specimens presented by B. H. Hodgson, Esq. (1843).

Genus CISTICOLA, Lesson.

820. B. SCHŒNICOLA, Bonap.
SYN. *Sylvia cisticola*, Temminck.
HAB. S. Europe; N. Africa.
A. Specimen from Algiers. M. Malherbe (1848).

821. C. CURSITANS (Jerdon's *Ill. Ind. Orn.*, pl. 6).
SYN. *Prinia cursitans*, Franklin.
HAB. India generally. (*N. B.* Not satisfactorily distinct from No. 820).
A. B. Adults. *C.* Young. From the vicinity of Calcutta (1844-7).

822. C. OMALURA, Blyth, *J. A. S.* XVIII,
HAB. Ceylon.
A. Specimen presented by E. L. Layard, Esq. (1848). (*N. B.* Differs from the last in having a nearly even tail, and the black colour is more predominent on the upper-parts).

Genus PELLORNIUM, Swainson.

823. P. RUFICEPS, Swainson.
SYN. *P. olivaceum*, Jerdon.
Cinclidia punctata, Gould.
Megalurus ruficeps, Sykes.
HAB. Nepal; S. India; Tenasserim provinces.
A. B. Specimens from S. India. T. C. Jerdon, Esq. (1842-3). *C.* Do. Tenasserim. E. O'Ryley, Esq. (1846).

Genus TURDIROSTRIS, A. Hay.

824. T. SUPERCILIARIS, A. Hay, *Madr. Journ.* XIII, pt. 2, 163.
HAB. Malayan peninsula.
A. Female. Malacca. R. W. G. Frith, Esq. (1847).

Genus POMATORHINUS, Horsfield.

825. P. TEMPORALIS, Vigors and Horsfield, (Gould's *B. A.* Vol. IV, pl. 20).
SYN. *P. trivirgatus*, Temminck.
Turdus frivolus (*?*), Latham.
HAB. N. S. Wales.
A. Specimen from the Sydney Institution (1846).

826. P. HYPOLEUCOS, Blyth, *J. A. S.* XIV. 599.
SYN. *Orthorhinus hypoleucos*, Blyth (the young), *J. A. S.* XIII, 371.
HAB. Arakan.
A. Adult. *B.* Young. Presented by Capt. Phayre (1844-6).

827. P. ERYTHROGENYS, Vigors (Gould's 'Century.' pl. 55).
HAB. Himalaya.
Bán Bukra, Masuri.
A. B. Specimens from N. W. Himalaya. C. Fraser, Esq. (1844). *C. D.* Do., from Bootan. Capt. Pemberton (1839). *E.* Young, from Darjiling. Purchased (1849).

828. P. SCHISTICEPS, Hodgson, *As. Res.* XIX, pt. 1, p. 181.
HAB. S. E. Himalaya; Sylhet; Tippera; Arakan.
A. B. C. Specimens from Arakan. Capt. Phayre (1845).

829. P. LEUCOGASTER, Gould, *P. Z. S.* 1837, p. 137.
SYN. *P. olivaceus*, Blyth, *J. A. S.* XVI, 451.
P. montanus of Assam apud Horsfield, *P. Z. S.* 1839, p. 166.
HAB. Deyra Doon; Nepal; Assam; Tenasserim provinces.
A. Specimen from Nepal. B. H. Hodgson, Esq. (1842). *B.* Do. Tenasserim. Rev. J. Barbe (1847). *C.* Do., from the Deyra Doon. Capt. Hutton (1849).

830. P. MELANURUS, Blyth, *J. A. S.* XVI, 451.
HAB. Ceylon.
A. B. C. Specimens presented by R. Templeton, Esq. (1847-8).

831. P. HORSFIELDI, Sykes, *P. Z. S.* 1832, p. 89.
HAB. Peninsula of India.
A. Specimen from S. India. T. C. Jerdon, Esq. (1842).
B. C. Do., Káták, purchased (1847).

832. P. PHAYREI, Blyth, *J. A. S.* XVI, 452.
HAB. Arakan.
A. B. Specimens presented by Capt. Phayre (1845-7).

833. P. FERRUGINOSUS, Blyth, *J. A. S.* XIV, 597.
HAB. Sikim.
A. B. Specimens presented by Mr. Webb (1845).

834. P. RUFICOLLIS, Hodgson, *As. Res.* XIX, pt. I, 182.
HAB. S. E. Himalaya.
A. B. Specimens from Darjiling, presented by Mr. Webb (1845). *C.* Young. Purchased (1849).

835. P. MONTANUS, Horsfield (*Zool. Res. in Java*, pl.).
Bokkrek, Jav.
HAB. Java.
A. Specimen presented by the Batavian Society (1845).

Genus XIPHORHAMPHUS, Blyth.

836. X. SUPERCILIARIS, Blyth, *J. A. S.* XII, 947.
SYN. *Xiphorhynchus superciliaris*, ibid, *J. A. S.* XI, 175.
HAB. Sikim.
A. B. Specimens purchased (1842).

Genus TURDINUS, Blyth.

837. T. MACRODACTYLUS, *J. A. S.* XIII, 382.
SYN. *Malacopteron macrodactylum*, Strickland.
Brachypteryx albogularis, Hartland.
Tana, Malay.
HAB. Malayan peninsula.
A. B. Specimens from Malacca. R. W. G. Frith, Esq. (1846).

Genus TRICHASTOMA, Blyth.

838. TR. ABBOTTI.
SYN. *Malacocincla Abbotti*, Blyth, *J. A. S.* XIV, 601.
HAB. Arakan.
A. B. Specimens presented by Capt. Abbott (1844) and by Capt. Phayre (1845).

839. TR. OLIVACEUM.
SYN. *Megalopteron olivaceum*, Strickland, *Ann. Mag. N. H.* 1847, p. 132.
Tr. Abbotti, var?
HAB. Malayan peninsula.
A. B. Specimens from Malacca. Presented by E. Lindstedt, Esq. (1846).

840. TR. BICOLOR.
SYN. *Brachypteryx bicolor*, Lesson.
Malacopteron ferruginosum, Blyth, *J. A. S.* XIII, 383.
HAB. Malayan peninsula; Sumatra.
A. B. Specimens from Malacca, presented by the Rev. F. J. Lindstedt (1844), and R. W. G. Frith, Esq. (1847).

841. TR ROSTRATUM, Blyth, *J. A. S.* XI, 795.
HAB. Malayan peninsula.
A. B. Specimens presented by J. Mackey, Esq. (1842), and R. W. G. Frith, Esq. (1847).

Genus MALACOPTERON, Eyton.

842. M. MAJUS, Blyth, *J. A. S.* XVI, 461.
HAB. Malayan peninsula.
A. Male. From Malacca. R. W. G. Frith, Esq. (1847).
B. Female. Penang, Rev. J. Barbe (1846).

843. M. MAGNUM, Eyton, *P. Z. S.* 1849, p. 103.
HAB. Malayan peninsula.
Rurong Map, Malay.
A. Male. Malacca. C. Huffnagle, Esq. (1845).

Genus ALCIPPE, Blyth.

844. A. ALBOGULARIS.
SYN. *Setaria albogularis*, Blyth, *J. A. S.* XIII, 385.
HAB. Malayan peninsula.
A. Specimen presented by M. de Storr (1844).

845. A. AFFINIS (*J. A. S.* XIII, 384).
SYN. *Trichastoma affine*, Blyth, *J. A. S.* XI, 795.
HAB. Malayan peninsula.
A. Specimen presented by J. Mackey, Esq. (1842).

846. A. CINEREA, Eyton.
SYN. *Malacopteron cinereum*, Eyton, *P. Z. S.* 1839, p. 103; *J. A. S.* XIII, 384.
HAB. Malayan peninsula.
A. Specimen presented by M. de Storr (1844).

847. A. PHAYREI, Blyth, *J. A. S.* XIV, 601.
HAB. Arakan.
A. Specimen presented by Capt. Phayre (1845).

848. A. NIPALENSIS.
SYN. *Siva nipalensis*, Hodgson, *Ind. Rev.* 1838, p. 89.
HAB. S. E. Himalaya; Arakan.
A. B. C. Specimens from Darjiling and Arakan. Presented by Mr. Webb (1845) and Capt. Phayre (1846).

849. A. SEPIARIA.
SYN. *Brachypterix sepiaria*, Horsfield, *Lin. Tr.* XIII, 156.
Chichohan, Jav.
HAB. Java.
A. Specimen presented by the Batavian Society (1845).

850. A. POIOCEPHALA.
SYN. *Timalia poiocephala*, Jerdon, *Madr. Journ.* XIII, 169.
HAB. S. India.
A. Specimen presented by T. C. Jerdon, Esq. (1843).

851. A. ATRICEPS.
SYN. *Brachypteryx atriceps*, Jerdon, *Madr. Journ.* X, 250.
HAB. S. India.
A. Specimen. *B.* Another (injured). Presented by T. C. Jerdon, Esq. (1842-8).

852. A. (?) STRIATA.
SYN. *Timalia striata*, Blyth, *J. A. S.* XI, 783.
HAB. Malayan peninsula.
A. B. Specimens from Singapore. M. de Storr (1844).

Genus MACRONOUS, Jardine and Selby.

853. M. PTILOSUS, J. and S. (*Ill. Orn.* pl. 150).
SYN. *Timalia trichorros*, Temminck.
Burong tanal-uban, Malay.
HAB. Malayan peninsula.
A. B. Specimens presented by M. de Storr (1844).

Genus MIXORNIS, Hodgson.

854. M. GULARIS (*Horsf. Zool. Res. in. Java*, pl.).
SYN. *Timalia gularis*, Horsfield.
Prinia pileata, Blyth, *J. A. S.* XI, 204.
Burong Puding, Malay.
HAB. Tenasserim provinces; Malayan peninsula; Java.
A. B. C. Specimens from the Malayan peninsula. J. Mackey, Esq. (1842) and Rev. J. Lindstedt (1844).

855. M. CHLORIS, Hodgson, *J. A. S.* XI, 794.
SYN. *M. ruficeps*, Hodgson, *P. Z. S.* 1845, p. 23.
Motacilla rubicapilla (?), Tickell, *J. A. S.* II, 576.
HAB. Sub-himalayan region; Central India? Tenasserim provinces.
A. B. Specimens from Tenasserim. Rev. J. Barbe (1846). *C.* Adult. *D.* Young. Nepal. B. H. Hodgson, Esq. (1842).

Genus TIMALIA, Horsfield.

856. T. PILEATA, Horsfield (*Zool. Res. in Java*, pl.).
Dawit, or *Gogo-stite*, Jav.
HAB. Bengal; Nepal; Assam; Arakan; Java.
A. B. C. Specimens procured in the Sundarbans (1845).
D. Another from Arakan. Capt. Barry (1847).

857. T. NIGRICOLLIS, Temminck.
SYN. *T. erythronotus*, Blyth, *J. A. S.* XI, 793.
Brachypteryx nigrogularis, Eyton.
Burong Tanah, Malay.
HAB. Malayan peninsula.
A. B. Specimens from Malacca. R. W. G. Frith, Esq. (1847).

858. T. PECTORALIS, Blyth, *J. A. S.* XI, 793.
SYN. *Malacopteron squamatum*, Eyton.
Pampang, Malay.
HAB. Malayan peninsula.
A. B. Specimens presented by M. de Storr (1844) and Rev. F. W. Lindstedt (1846).

859. T. ERYTHROPTERA, Blyth, *J. A. S.* XI, 794.
SYN. *T. pyrrhophæa*, Hartlaub.
Brachypteryx acutirostris, Eyton.
HAB. Malayan peninsula.
A. B. Specimens presented by M. de Storr (1844) and Rev. F. W. Lindstedt (1847).

Genus CHRYSOMMA, Hodgson.

860. CHR. SINENSE (Jardine and Selby, *Ill. Orn.* pl. 119).
SYN. *Parus sinensis*, also *Gotah Finch*, and *Emberiza calfat*, Var. *A*, Latham.
Timalia hypoleuca, Franklin.
T. Horsfieldi, Jardine and Selby.
Pyctoris rufifrons, Hodgson, *P. Z. S.* 1845, p. 24.
Timalia bicolor, Lafresnaye.
Gulchasm; also *Shukar Dumri*, H.? (Jerdon).
HAB. India generally; China?
A. B. Specimens procured in Lower Bengal (1845). *C.* Less refous variety, from Ceylon. E. L. Layard, Esq. (1849).

Genus STACHYRIS, Hodgson.

861. ST. NIGRICEPS, Hodgson, *J. A. S.* XIII, 378; *P. Z. S.* 1845, p. 22.
HAB. S. E. Himalaya.
A. B. Specimens from Darjiling. C. S. Bonnevie, Esq. (1847).

862. ST. PYRRHOPS, Hodgson, *J. A. S.* XIII, 379; *P. Z. S.* 1845, p. 23 (there spelt *pyrops*).
HAB. Nepal.
A. Specimen. *B.* Another (injured). From Nepal. B. H. Hodgson, Esq. (1843).

863. ST. RUFICEPS, Blyth, *J. A. S.* XVI, 452.
HAB. Sikim.
A. Specimen from Darjiling. C. S. Bonnevie, Esq. (1847).

864. ST. CHRYSÆA, Hodgson, *J. A. S.* XIII, 379; *P. Z. S.* 1845, p. 23.
HAB. S. E. Himalaya; Arakan.
A. Specimen from Arakan. Capt. Phayre (1844).
B. Do. Darjiling. C. S. Bonnevie, Esq. (1847).

Fam. LANIADÆ.

Genus GAMPSORHYNCHUS, Blyth.

865. G. RUFULUS, Blyth, *J. A. S.* XIII, 370.
HAB. Terai region of the S. E. Himalaya, Arakan, &c.
A. B. Specimens from Arakan. Capt. Phayre (1846).

Genus THAMNOCATAPHUS, Tickell.

866. TH. PICATUS, Tickell, *J. A. S.* XVIII,
HAB. Darjiling.
A. Specimen presented by Capt. S. R. Tickell (1848).

BOMBAY BRANCH OF THE

Genus LANIUS, L.

Latora, H.; *Kát-kátia*, Beng.; *Mulala*, Sindh.

867. L. EXCUBITOR, L.
HAB. Europe.
A. Specimen from Mr. Bartlett (1843). *B.* Another, presented by the Royal University of Christiania (1845).

868. L. LAHTORA (Hardwicke's *Ill. Ind. Zool.*)
SYN. *Collurio lahtora*, Sykes.
Lanius excubitor, var C., Latham.
L. burra, Gray, Hardw. *Ill. Ind. Zool.*
Dudia lahtora, ('Milky Shrike'), H.
HAB. India generally (nec Lower Bengal).
A. B. Specimens from Sindh. Sir A. Burnes (1841). *C.* Do., from Rajmahl. L. C. Stewart, Esq. (1845).

869. L. SCHACH, L.
SYN. *L. bentet*, Horsfield.
Burong Papa, or *Terip api*, Malay.; *Bentet*, Java.
HAB. China; Philippines; Java.
A. B. Specimens from Chusan. Presented by J. McClelland, Esq. (1843).

870. L. ERYTHRONOTUS (Gould's Century, pl. 12, f. 2).
SYN. *Collurio erythronotus*, Vigors.
HAB. N. W. Himalaya.
A. Specimen presented by Major Birch (1845).

871. L. CANICEPS, Blyth, *J. A. S.* XV, 302.
SYN. *C. erythronotus* of S. India, Auct.
HAB. Indian peninsula; Sindh; Upper Bengal.
A. B. Specimens from Rajmahl. L. C. Stewart, Esq. (1844). *C.* Young. Sindh. Sir A. Burnes (1841). *D.* Short-tailed variety. S. India. D. Ross, Esq. (1841).

872. L. NIGRICEPS.
SYN. *Collurio nigriceps*, Franklin.
Lanius nasutus, Scopoli.
L. antiguanus, Latham.
L. tricolor, Hodgson, *Ind. Rev.* 1837.
Indian Shrike, Latham.
HAB. Bengal; Kutak; Nepal; Assam; Arakan.
A. B. C. D. Specimens from the vicinity of Calcutta (1842-6).

873. L. TEPHRONOTUS.
SYN. *Collurio tephronotus*, Vigors, *P. Z. S.* 1831, p. 43.
Lanius nipalensis, Hodgson, *Ind. Rev.* 1837, p. 445.
Grey-backed Shrike, Latham.
HAB. Bengal; Nepal; Assam; Arakan.
A. B. C. Specimens from the vicinity of Calcutta (1842-6).

874. L. SUPERCILIOSUS, L. (Vaill. *Ois. d'Afr*, pl. 66, f. 2).
SYN. *L. collurioides*, Lesson.
Bengal variety—
L. cristatus, L.
L. phœnicurus, Pallas.
L. rutilus, var *A*, and *L. superciliosus*, var *A*, Latham.
L. melanotis, Valenciennes.
L. ferrugiceps, Hodgson, *Ind. Rev.* 1837, p. 446.
Sindh variety.
L. arenarius, Blyth, *J. A. S.* XV, 304.
Philippine variety?
L. lucionensis, *Kátkáti*, Beng.
HAB. All S. E. Asia and its islands, except on elevated land. Malayan variety (*L. superciliosus*, L.) *A. B.* Males. *C. D. E.* Females or young. Malacca. Rev. F. W. Lindstedt and R. W. G. Frith, Esq. (1846-8). Ordinary Indian and Burmese variety (*L. cristatus*, L.) *F. G. H.* Specimens from the vicinity of Calcutta (1842-3). Sindh variety (*L. arenarius*, Blyth). *I. J.* Specimens presented by Capt. Boys (1846). Ceylon variety. (Very grey, no rufous on crown, &c.) *K.* Specimen presented by E. L. Layard, Esq. (1848).

875. L. TIGRINUS, Drapiez, *Dict. Class. d'Hist. Nat.*
SYN. *L. magnirostris*, Lesson, in Belanger's Voyage.
L. strigatus, Eyton, *P. Z. S.* 1839, p. 103.
Serara, Malay.
HAB. Malay countries.
A. B. C. D. E. F. G. Specimens from Malacca. Presented by Rev. F. W. Lindstedt, and E. Lindstedt, Esq. (1845-7).

876. L. HARDWICKII, Vigors (Gould's 'Century,' pl. 12, f. 1).
SYN. *Collurio Hardwickii*, Vigors.
Bay-backed Shrike, Latham.
Pichanuk, H.
HAB. India generally (nec Bengal alluvium).
A. B. Males. Mednapur (1847). *C.* Male. *D. E.* Females. *F.* Young. Agra. L. C. Stewart, Esq. (1845).

877. L. HYPOLEUCOS, Blyth, *J. A. S.* XVII, 249.
HAB. Tenasserim provinces.
A. Specimen presented by Rev. J. Mason (1848).

Subgenus ENNEOCTONUS, Boie.

878. E. MINOR.
SYN. *Lanius minor*, L.
L. longipennis, Blyth, *J. A. S.* XV, 300.
HAB. S. Europe.
A. Specimen (in bad order). Society's old collection.

879. E. COLLURIO, (*Pl. Enl.* 31, f. 2).
Lanius collurio, L.
HAB. Europe; Africa.
A. Male. *B.* Female. England. Mr. W. Davison (1846). *C.* Young. Mr. Bartlett (1847).

880. E. RUFUS (Vaill., *Ois. d'Afr.*, pl. 63).
SYN. *L. rufus*, Brisson.
L. rutilus, Latham.
HAB. Europe; Africa.
A. B. Specimens from Algiers. M. Malherbe (1848).

Genus TEPHRODORNIS, Swainson.

881. T. SYLVICOLA, Jerdon, *Madr. Journ.* X, 236.
Phari latora, H.
HAB. S. India.
A. Male. Lord A. Hay (1845). *B.* Male. *C.* Female (tail-less). T. C. Jerdon, Esq. (1842-7).

882. T. PELVICA.
SYN. *Tenthaca pelvica*, Hodgson, *Ind. Rev.* 1837, p. 447.
HAB. Nepal; Arakan.
A. Male. *B. C.* Females. Arakan. Capt. Phayre (1844-6).

883. T. GULARIS, (Tem. *Pl. Col.* 256. f. 1.)
SYN. *L. virgatus*, Temminck.
Lanius gularis, Raffles.
Baron Baron, Malay.
HAB. Malay countries.
A. Male. *B.* Female. Singapore. Purchased (1844).

884. T. PONDICERIANA (Hardw. *Ill. Ind. Zool.*)
SYN. *Muscicapa pondiceriana*, Gmelin.
M. philippensis of India, Latham.
Lanius keroula, Gray.
L. muscipetoides, Franklin.
L. griseus, Tickell, *J. A. S.* II, 573.
L. sordidus, Lesson.
T. superciliosus, Swainson.
Tenthaca leucurus, Hodgson, *Ind. Rev.* 1837, p. 447.
HAB. India generally.
A. B. Adults. *C.* Young. From the vicinity of Calcutta (1843).

885. T. AFFINIS, Blyth, *J. A. S.* XVI, 473.
HAB. Ceylon.
A. B. Specimens presented by E. L. Layard, Esq. (1848).

886. T. GRISOLA, Blyth, *J. A. S.* XII, 180 (bis).
HAB. Penang; Java; Arakan; very rare in Lower Bengal.
A. Female. Calcutta Botanic Garden (1843). *B.* Specimen from Penang. Rev. J. Barbe (1846). *C.* Do.

Java Batavian Society (1845). *D.* Do. Arakan. Capt. Barry (1849).

Genus COLLURICINCLA, Vigors and Horsfield.

887. C. HARMONICA (Gould's *B. A.* II, 74).
SYN. *Turdus harmonicus, T. badius,* et *T. dilutus,* Latham.
C. cinerea, Vigors and Horsfield.
Certhia canescens? Latham.
HAB. N. S. Wales; Moreton Bay; S. Australia.
A. Specimen presented by the Sydney Institution (1846).

888. C. SELBII, Jardine (Gould's *B. A.* II, pl. 77).
HAB. V. D. Land; Port Philip.
A. Specimen (small-billed) from Port Philip. Mr. Benson (1847). *B. C.* Do., from V. D. Land. J. McClelland, Esq. (1849).

Genus HEMIPUS, Hodgson.

889. H. OBSCURUS (Horsfield's *Zool. Res. in Java,* pl.
SYN. *Muscicapa obscura,* Horsfield.
M. hirundinaceus, Reinhardt.
Tephrodornis hirundinaceus, Swainson.
HAB. Malay countries; Tenasserim.
A. B. Males. *B.* Female. Presented by J. Mackey Esq. (1842).

890. H. PICATA.
SYN. *Muscicapa picata,* Sykes.
M. tyrannides, Tickell, *J. A. S.* II, 574.
M. hirundinacea apud Jerdon, *Catal.*
M. variegata (*?*), Linnæus.
HAB. Arakan; Central and S. India; Ceylon.
A. Male. *B.* Female. Arakan. Capt. Phayre (1843). *C.* Male. Chaibasa. Capt. Tickell (1842). *D.* Male. Ceylon. E. L. Layard, Esq. (1848).

891. H. CAPITALIS.
SYN. *Muscicapa? capitalis,* McClelland, *P. Z. S.* 1839, p. 159.
H. picæcolor, Hodgson, *P. Z. S.* 1845, p. 33.
HAB. Himalaya; Assam.
A. Male. *B.* Female. Darjiling. Mr. Webb 1845). *C.* Young. Darjiling. Purchased (1849). *D.* Female. Masuri. Capt. Hutton (1849).

Genus XANTHOPYGIA, Blyth.

892. X. LEUCOPHRYS, Blyth, *J. A. S.* XVI, 123.
SYN. *Muscicapa xanthopygia,* A. Hay, *Madr. Journ.* XI, 162 (the female).
HAB. Malayan peninsula.
A. Male. From Malacca. Presented by M. de Storr (1844).

893. X. NARCISSINA (Tem., *Pl. Col.* 577, f. 1).
SYN. *Muscicapa narcissina*, Temminck.
Z. chrysophrys, Blyth, *J. A. S.* XVI, 124.
HAB. China; Japan.
A. Male. From the dispersed Macao Museum. R. Inglis, Esq. (1834).

Subfam. MALACONOTINÆ.

Genus TELOPHONUS, Swainson.

894. T. BACBAKIRI (Edwards, pl. 321; Vail. *Ois. d'Afr.* t. 67).
SYN. *Lanius bacbakiri*, Shaw.
L. auratus, Lichtenstein.
Turdus zeylonus, Lin.
Telophonus collaris, Swainson (apud G. R. Gray).
HAB. S. Africa (not Ceylon).
A. B. Specimens presented by Lord A. Hay (1845).

Genus LANIARIUS, Vieillot.

895. L. OLIVACEUS (Vaill. *Ois. d'Afr.*, t. 75, 76. f. 1).
SYN. *Lanius olivaceus*, Shaw.
L. oleaginus, Vieillot.
HAB. S. Africa.
A. B. Females. Lord A. Hay (1845).

Subfam. THAMNOPHILINÆ.

Genus THAMNOPHILUS, Vieillot.

896. TH. UNDULATUS, Mikan (*Zool. Journ., Supp.* pl. 7, 8).
SYN. *Th. striatus*, Quay aud Gaymard.
Th. Vigorsii, Such.
Th. cinereus et *Th. rufus*, Vieillot.
Th. gigas, Swainson.
HAB. Brazil.
A. Male, received from Mr. Bartlett (1843).

Genus ———?

897. (?) MENTALIS (Tem., *Pl. Col.* 179).
SYN. *Thamnophilus mentalis*, Temminck.
Myiothera poliocephala, Pr. Max. (apud G. R. Gray).
HAB. Brazil.
A. Female. H. E. Strickland, Esq. (1837).

Fam. BRACHYURIDÆ.

Genus FORMICARIUS, Boddäert.

898. F. CAYANENSIS (*Pl. Enl.* 821).
SYN. *Turdus cayanensis*, Gmelin.
T. colma, Boddäert.
Myiothera ruficeps, Spix.
Myrmothera telema et *M. fuscicapilla*, Vieillot.

HAB. S. America.
A. Specimen received from Mr. Bartlett (1843).

899. F. (?) THAMNOPHILOIDES (Spix, *Av. Braz.* t. 52. f. 1, 2).
SYN. *Thamnophilus myiotherinus*, Spix.
Myrmothera atricapilla (?), Vieillot.
HAB. Bogota.
A. Specimen presented by H. E. Strickland, Esq. (1847).

Genus DIGLOSSA, Wagler.

900. D. CYANA, Lesson.
HAB. Bogota.
A. Specimen presented by H. E. Strickland, Esq. (1847).

Genus PITHYS, Vieillot.

901. P. ALBIFRONS (*Pl. Enl.* 707, f. 1).
SYN. *Pipra albifrons*, L.
Pithys leucops, Vicillot.
HAB. S. America.
A. Specimen received from Mr. Bartlett (1843).

Genus CHAMÆZA, Vigors.

902. CH. MERULOIDES, Vigors (J. and S. *Ill. Orn.* pl. 11).
HAB. Brazil.
A. Specimen (back now injured). Received from Mr. Bartlett (1843).

Genus PITTA, Vieillot.

903. P. CÆRULEA (Tem. *Pl. Col.* 217).
SYN. *Myiothera cærulea*, Raffles.
Pitta gigas, Temminck.
HAB. Malayan peninsula; Sumatra.
A. Specimen presented by R. W. G. Frith, Esq. (1846).

904. P. NIPALENSIS.
SYN. *Paludicola nipalensis*, Hodgson, *J. A. S.* VI, 103.
Pitta nuchalis, Blyth, *J. A. S.* XI, 188.
HAB. Himalaya; Arakan.
A. B. Males. Darjiling. C. S. Bonnevie, Esq. (1846). *B.* Female. Arakan. Capt. Phayre (1843). *C.* Another, from Darjiling. Capt. Tickell (1847).

905. P. STREPITANS (Gould's *B. A.* Vol. IV, pl. 1).
SYN. *P. versicolor*, Swainson.
HAB. Australia.
A. Specimen purchased (1848).

906. P. CUCULLATA, Hartlaub (*Ann. Mag. N. H.* XIII, pl. 20).
SYN. *P. nigricollis*, Blyth, *J. A. S.* XII, 960.
P. rodogaster, Hodgson, *J. A. S.* XII, 961 (the young).
HAB. Nepal; Assam; Malayan peninsula.
A. Specimen from Assam. J. McCosh, Esq. M. D. (1833). *B. C.* Do., from Malacca. Rev. F. W. Lindstedt (1843). *D.* Fragments of a young specimen, from Nepal. B. H. Hodgson, Esq. (1842).

907. P. CYANOPTERA, Temminck (*Pl. Col.* 218).
SYN. *P. malaccensis* apud Blyth, *J. A. S.* XII, 960.
HAB. Arakan; Tenasserim provinces; Malayan peninsula.
A. B. Specimens from Arakan. Capt. Abbott (1844). *C.* Large-billed individual variety. Arakan. Capt. Phayre (1843).

908. P. TRIOSTEGUS (Gould's 'Century,' pl. 23).
SYN. *Turdus triostegus*, Sparrman.
T. malaccensis, Scopoli.
P. superciliaris et *abdominalis*, Wagler.
P. bengalensis, Stephens.
P. brachyura of India, auctorum.
HAB. India generally, from the sub-Himalayan region to Ceylon inclusive: never on the eastern side of the Bay of Bengal.
A. Male. *B.* Female. From the vicinity of Calcutta (1844-7) *C.* Young. Central India. C. Fraser, Esq. (1844).

909. P. ERYTHROGASTRA, Tem. (*Pl. Col.* 212).
HAB. Philippines.
A. Specimen from the dispersed Macao Museum. R. Inglis Esq. (1834).

910. P. GRANATINA, Tem. (*Pl. Col.* 506).
SYN. *P. coccinea*, Eyton, *P. Z. S.* 1839, p. 104.
HAB. Malayan peninsula.
A. B. C. Specimens from Malacca. Rev. T. Boaz and Rev. F. W. Lindstedt (1844-5).

911. P. CYANEA, Blyth, *J. A. S.* XII, 1008; XVI, 153.
HAB. Arakan; Tenasserim provinces.
A. Male. Tenasserim. Rev. J. Barbe (1846). *B.* Male. *C.* Female. Arakan. Capt. Phayre (1843-5).

912. P. CYANURA (*Pl. Enl.* 355).
SYN. *Corvus cyanurus*, Gmelin.
Myiothera affinis, Raffles.
Sintar, Sum.: *Punglor*, Jav.

Hab. Malayan peninsula ; Sumatra.
A. B. Males. *C. D. E.* Females. Presented by the Rev. T. Boaz, Rev. F. W. Lindstedt, E. Lindstedt, Esq. and R. W. G. Frith, Esq. (1843-8).

Genus Hydrobata, Vieillot.

913. H. cinclus (*Pl. Enl.* 940).
Syn. *Sturnus cinclus*, L.
Cinclus aquaticus, Bechstein.
C. europæus, Stephens.
H. albicollis, Vieillot.
Hab. Europe ; W. Asia.
A. B. C. D. E. Specimens from the Christiania University. Mr. Bartlett, and Mr. Davison (1843-8).

914. H. asiatica (Gould's 'Century,' pl. 24).
Syn. *Cinclus asiaticus*, Swainson.
C. Pallasii apud Gould.
Hab. Himalayâ.
A. Adult. *B.* Semi-adult. *C.* Young. Presented by Mr. Webb and C. S. Bonnevie, Esq. (1845-7).

Genus Troglodytes, Cuvier.

915. Tr. magellanicus, Gould, *P. Z. S.* 1836, p. 38.
Hab. Southernmost parts of America.
A. B. Specimens from Chili. Purchased (1843).

916. Tr. europæus, Cuvier (*Pl. Enl.* 651, f. 2).
Syn. *Motacilla troglodytes*, L.
T. regulus, Meyer.
T. parvulus, Koch.
Hab. Europe.
A. B. C. Specimens from England. Presented by the Cornish Institution (184). *D.* Do. Algeirs. M. Malherbe (1848).

917. Tr. nipalensis, Hodgson, *J. A. S.* XIV, 589.
Syn. *Tr. subhemalayanus*, Hodgson, Gray.
Hab. N. W. Himalaya ; Nepal.
A. B. Specimens (in bad order). B. H. Hodgson, Esq. (1843).

918. Tr. punctatus, Blyth, *J. A. S.* XIV, 589.
Hab. Sikim.
A. Specimen from Darjiling. Presented by Mr. Webb (1844).

Genus Eupetes, Temminck.

919. Eu. macrocercus, Tem. (*Pl. Col.* 516).
Hab. Malayan peninsula.

A. B. Specimens from Malacca. Presented by R. W. G. Frith, Esq. and E. Lindstedt, Esq. (1847-8.) *C.* Young. Malacca. C. Huffnagle, Esq. (1845).

Genus ENICURUS, Temminck.

920. E. RUFICAPILLUS, Tem. (*Pl. Col.*).
HAB. Java.
A. Specimen presented by the Batavian Society (1845).

921. E. MACULATUS, Vigors (Gould's 'Century,' pl. 27).
SYN. *E. fuliginosus*, Hodgson (the young).
HAB. Himalaya.
A. B. C. D. Adults. Darjiling. Presented by Mrs. Oakes, Mr. Webb, and C. S. Bonnevie, Esq. (1844-7). *E.* Young. Masuri. Capt. Hutton (1849). *F.* Young. Darjiling. Purchased (1849).

922. E. SCHISTACEUS, Hodgson, *As. Res.* XIX, 191.
HAB. S. E. Himalaya; Tenasserim provinces.
A. B. Specimens from Darjiling. Presented by Mr. Webb (1845). *C.* Young. Purchased (1849).

923. E. IMMACULATUS, Hodgson, *As. Res.* XIX, 190, *J. A. S.* XVI, 157.
HAB. Arakan. Rare in Nepal.
A. B. Specimens from Arakan. Capt Phayre (1845).

924. E. FRONTALIS, Blyth, *J. A. S.* XVI, 156.
HAB. Malayan peninsula.
A. Specimen from Malacca. E. Lindstedt, Esq. (1847).

925. E. SCOULERI, Vigors (Gould's 'Century,' pl. 28).
HAB. Himalaya; rare to the N. W.
A. B. Specimens from Darjiling. Mr. Webb, (1845).

Fam. MERULIDÆ.

Subfam. MERULINÆ.

Genus MYIOPHONUS, Temminck.

926. M. TEMMINCKII, Vigors (Gould's 'Century,' pl. 21).
SYN. *M. nitidus*, Gray.
HAB. Himalaya; Assam; Arakan.
A. Specimen from Darjiling. Purchased (1848). *B.* another, from Arakan. Capt. Phayre (1845). *C. D.* Young. Purchased (1849).

927. M. HORSFIELDI, Vigors (Gould's 'Century,' pl. 20).
HAB. Nilgiris (nec Himalaya).
A. B. Specimens from S. India. T. C. Jerdon, Esq. (1842-8).

Genus TURDUS, L.

Subgenus ZOOTHERA, Vigors.

928. Z. MONTICOLA, Vigors (Gould's 'Century,' pl. 22).
HAB. Himalaya.
A. Male (with extraordinary large bill). Masuri. Capt. Hutton (1849). *B.* Adult. *C.* Young. Darjiling. Purchased (1842).

929. Z. MARGINATA, Blyth, *J. A. S.* XVI, 141.
HAB. Arakan.
A. B. Specimens presented by Capt. Phayre (1844-7).

Subgenus OREOCINCLA, Gould.

930. O. NILGIRIENSIS, Blyth, *J. A. S.* XVI, 181.
HAB. Nilgiris.
A. B. Specimens presented by Mr. Jerdon (1842-8).

931. O. MOLLISSIMA, Blyth, *J. A. S.* XI, 188; XVI, 141.
SYN. *O. rostrata*, Hodgson, *Ann. Mag. N. H.* 1845, f. 326.
HAB. Himalaya.
A. Adult, from Darjiling. Mr. Webb (1845). *B.* Another (sent as *O. rostrata*). *C.* Young. Nepal. B. H. Hodgson, Esq. (1843).

932. O. DAUMA (Gould's *B. E.* pl.).
SYN. *Turdus dauma*, Latham.
T. Whitei, Eyton.
T. doratus ?
O. parvirostris, Gould, *P. Z. S.* 1837, p. 136.
HAB. Himalaya, Nilgiris: migrating to the plains in winter. Rare in Europe.
A. B. C. D. Specimens from the vicinity of Calcutta (1842-8).

933. O. SPILOPTERA, Blyth, *J. A. S.* XVI, 142.
HAB. Ceylon.
A. B. Specimens presented by E. L. Layard, Esq. (1848-9).

Subgenus TURDUS.

934. T. VISCIVORUS, L. (*Pl. Enl.* 489; Gould's *B. E.* pl. 77).
SYN. *T. major*, Brisson.
HAB. Europe; N. W. Himalaya.
A. B. C. D. Specimens from England. Mr. Bartlett (1843-6). *E.* Adult. *F.* Young, Masuri. Capt. Hutton (1849).

935. T. MUSICUS, L. (*Pl. Enl.* 406 ; Gould's *B. E.* pl. 78, f. 1).
HAB. Europe ; N. Africa.
A. B. C. Specimens from England. Mr. Bartlett and Mr. Davison (1843-5).

936. T. MUSTELINUS, Gm. (Wilson's *Am. Orn.* pl. 2, fig. 1).
SYN. *T. melodus*, Wilson.
HAB. N. America.
A. Specimen presented by Mr. Lea of Philadelphia (1837).

937. T. ILIACUS, L. (*Pl. Enl.* 51 ; Gould's *B. E.* pl. 78, 92).
HAB. Europe ; N. Africa.
A. B. C. Specimens from England. Mr. Bartlett and Mr. Davison (1843-5).

938. T. NAUMANNI (?), Temminck (Gould's *B. E.* pl. 9).
SYN. *T. dubius*, Naumann.
HAB. E. Europe ; N. Asia ; very rare in the Himalaya.
A. Specimen from Chusan (described *J. A. S.* XVI, 143). J. McClelland, Esq. (1844).

939. T. ATROGULARIS, Natterer (Gould's *B. E.* pl. 75).
SYN. *T. Bechsteini*, Naumann.
T. dubius, Bechstein.
HAB. N. Asia ; Himalaya ; Tippera.
A. B. C. D. Specimens from Darjiling. Mr. Webb, and C. S. Bonnevie, Esq. (1845-8).

940. T. RUFICOLLIS, Pallas.
SYN. (Perhaps a variety of No. 739, of which some specimens are partially rufous-tailed).
HAB. N. Asia ; Himalaya.
A. B. C. Specimens from Nepal. B. H. Hodgson, Esq. (1842).

941. T. PILARIS, L. (*Pl. Enl.* 490 ; Gould's *B. E.* pl. 76).
SYN. *T. musicus*, Pallas (apud G. R. Gray).
HAB. Europe.
A. B. C. D. E. F. Specimens from England. Mr. Bartlett (1843) and Mr. Davison (1845).

942. T. JAVANICUS (?), Horsfield, *Lin. Tr.* XIII, 184.
SYN. *T. concolor*, (?) Temminck (*Pl. Col.*)
T. rufulus, Drapiez, *Dict. Class.*
T. modestus, Eyton, *P. Z. S.* 1839, p. 103.
HAB. Arakan ; Malayan peninsula ; Java ?
A. B. C. Specimens from Malacca. Rev. F. W. and Mr. E. Lindstedt (1844-7).

Subgenus MERULA, Ray.

943. M. OLIVACEA, L. (Vail. *Ois. d' Afr.*, t. 98, 99).
HAB. S. Africa.
A. B. Specimens presented by Lord A. Hay (1845).

944. M. MAGELLANICA.
SYN. *Turdus magellanicus*, King, *P. Z. S.* 1830, p. 14.
T. falklandicus, Quoy and Gaymard.
T. maluinorum, Lichtenstein.
HAB. Southernmost parts of America.
A. Specimen presented by M. M. Lieutard and Raymoneng (1842).

945. M. MIGRATORIA (Wilson's *Am. Orn.* pl. 2, fig. 2).
SYN. *Turdus migratorius*, L.
HAB. N. America.
A. Male. Presented by Mr. Lea of Philadelphia (1837).

946. M. VULGARIS, Ray, Leach (Gould's *B. E.* pl. 72).
SYN. *Turdus merula*, L.
HAB. Europe; N. Africa; Madeira; W. Asia; Afghanistan; China (Chusan).
A. Male. *B. C.* Females. England. Mr. Bartlett (1843) and Mr. Davison (1845).

947. M. BOULBOUL (Gould's 'Century,' pl. 14).
SYN. *Lanius boulboul* et *Turdus persicus* (?), Latham.
T. pœcilopterus, Vigors.
HAB. Himalaya.
A. B. C. Males. *D. E.* Females. *F.* Young male. *G.* Young female. All from Darjiling (1842-6).

948. M. SIMILLIMA.
SYN. *Turdus simillimus*, Jerdon, *Madr. Journ.*, X, 253.
HAB. Nilgiris.
A. B. Males. *C. D.* Females. Presented by T. C. Jerdon, Esq. (1842-8).

949. M. NIGROPILEUS.
SYN. *Turdus nigropileus*, de la Fresnaye; Ad. Delessert, *Voyae dans l'Inde.*
HAB. S. India.
A. B. Males. *C. D.* Females. T. C. Jerdon, Esq. (1845-8).

950. M. ALBOCINCTA (Royle's *Ill. Him. Bot.* pl. 8, f. 3).
SYN. *Turdus albocinctus* et *T. albicollis*, Royle.
T. collaris, Sorel.
HAB. Himalaya.
A. Male. *B.* Female. Darjiling. Mr. Webb (1845).

951. M. CASTANEA, Gould, *P. Z. S.* 1835, p. 185.
HAB. Himalaya.
A. Male. *B.* Female. Darjiling. Mr. Webb (1845).

952. M. TORQUATA (*Pl. Enl.* 516; Gould's *B. E.* pl. 73).
SYN. *Turdus torquatus*, L.
HAB. Europe; N. Africa.
A. Male. *B.* Female. Norway. Christiania University (1845). *C.* Male. France. M. M. Lieutard and Reymoneng (1842). *D.* Young. England. Mr. Bartlett (1843).

953. M. WARDII (Jerdon's *Ill. Ind. Orn.* pl. 8).
SYN. *Zoothera melanoleuca*, Hartlaub.
Oreocincla? micropus, Hodgson (female).
HAB. Himalaya; S. India.
A. Male from S. India. Lord A. Hay (1845). *B.* Do. Almorah. Capt. McDonald (1846). *C.* Female (sent as *O. micropus*). Nepal. B. H. Hodgson, Esq. (1844). *D.* Young male. Masuri. Capt. Hutton (1849).

Subgenus GEOCICHLA, Kuhl.

954. G. UNICOLOR.
SYN. *Turdus unicolor*, Tickell, Gould.
HAB. Himalaya.
A. Male. *B.* Female. *C.* Young. Masuri. Capt. Hutton (1849). *D.* Male. *E.* Female. Also from Masuri. Mr. Borlass (1849).

955. G DISSIMILIS, Blyth, *J. A. S.* XVI, 144.
SYN. *Calcutta Thrush*, Latham.
HAB. Bengal (during cold season).
A. Male. *B. C. D. E. F.* Females. From the vicinity of Calcutta (1842-7).

956. G. CITRINA (Tem. *Pl. Col.* 445).
SYN. *Turdus citrinus*, Latham.
T. Macei, Vieillot.
T. lividus, Tickell, *J. A. S.* II, 577.
T. rubeculus apud Horsfield, *P. Z. S.* 1839, p. 161.
HAB. Bengal; Nepal; Assam; Arakan; C. India.
A. Male. *B.* Female. From the vicinity of Calcutta (1843). *C.* Young. Darjiling. Purchased (1849).

957. G. CYANOTUS (J. and S, *Ill. Orn.*, 1st series, pl. 46).
SYN. *Turdus cyanotus*, Jardine and Selby.
HAB. Indian peninsula.
A. B. Males, from Gumsur. Presented by Capt. McPherson (1845).

958. G. INNOTATA, Blyth, *J. A. S.* XVI, 146.
HAB. Malayan peninsula; Nicobars.
A. B. Females, from the Nicobar Islands. Capt. Lewis, and Rev. J. Barbe (1846).

Subgenus PETROCINCLA. Vigors.

959. P. ERYTHROGASTRA (Gould's 'Century,' pl. 13; J. and S. *Ill. Orn.*, 1st series, pl. 129).

SYN. *Turdus erythrogaster*, Vigors.
Petrocincla rufiventris, Jardine and Selby.
Petrocossyphus ferrugineoventris, Lesson.

HAB. Himalaya.

A. B. C. Males. *C. E. D.* Females. *E. F.* Young males. *G.* Young female. Mr. Webb, Mrs. Oakes, and C. S. Bonnevie, Esq. (1845-7).

960. P. CYANEUS (*Pl. Enl.* 250; Edwards, pl. 18).

SYN. *Turdus cyaneus*, L.
T. solitarius, Gmelin.
Merula cærulea, Brisson.
P. longirostris, Blyth, *J. A. S.* XVI, 150.

HAB. Europe; N. Africa; W. Asia; Kashmír; Punjab; Sindh.

A. Male, from Italy. *B.* Female, from Algiers. M. Malherbe (1848). *C.* Female, from Sindh. Capt. Boys (1847).

Indian variety? *P. pandoo* (the male), and *P. maal* (the female), Sykes: *Turdus solitarius*, var. *A*, Latham. (*N. B.* Merely somewhat deeper-coloured, the females especially, which are somewhat differently marked on the under-parts. The bill also is generally smaller).

HAB. Hindustan; S. India.

A. B. Males from Agra. L. C. Stewart, Esq. (1845). *C.* Male. *D.* Female, (lower mandible injured). Chaibasa; Capt. Tickell (1842). *E.* Female. S. India. Mr. Jerdon (1844).

961. P. AFFINIS, Blyth, *J. A. S.* XII, 177.

HAB. Sikim; Butan; Assam; Sylhet; Tippera; Arakan; Tenasserim.

A. B. C. Males. *D. E.* Females. From Arakan. Capt. Phayre and Capt. J. R. Abbott (1843-4). *F.* Male (with rufous lower tail-coverts and tinge on belly). From Darjiling. Mr. Webb (1845). *G.* Do. (with more rufous on belly). Tenasserim. E. O'Ryley, Esq. (1847).

962. P. MANILLENSIS (*Pl. Enl.* 636).

SYN. *Turdus manillensis*, Gmelin.
T. olivaceus (*?*), Boddaert.

HAB. Philippines; China.

A. Male, from Luçon. M. M. Lieutard and Reymoneng (1844). *B.* Male. *C.* Female, from Macao. Purchased (1843).

Subgenus MONTICOLA. Brehm.

963. M. CINCLORHYNCHA (Gould's 'Century,' pl. 19).

SYN. *Petrocincla cinclorhyncha*, Vigors.
Petrophila cyanocephala, Swainson.
Black-collared Thrush, var. *A*, Latham.

Hab. Hilly parts of India generally, keeping to the forests: very rare in Lower Bengal in the seasons of passage.

A. Male. Masuri. Capt. Hutton (1849). *B. C.* Do. Darjiling. Mr. Webb (1845). *D.* Do. Do. Mrs. Oakes (1843). *E.* Female. Nepal. B. H. Hodgson, Esq. (1842). *F.* Young male. Simla. R. W. G. Frith, Esq. (1843).

964. M. saxatilis (*Pl. Enl.* 562).

Syn. *Turdus saxatilis*, L.
Lanius infaustus, Gmelin.
Saxicola montana, Koch.

Hab. S. Europe; N. Africa; W. Asia.

A. Female. Mr. Bartlett (1845).

Genus Luscinia, (Antiq.) L. (1735), G. R. Gray.

965. L. philomela, Bonap (*Pl. Enl.* 615, f. 2).

Syn. *Motacilla luscinia*, L.
Sylvia luscinia, Lath. Tem. (nec *S. philomela*, Tem.)
Bulbul bosta, H.: *Bulbul-i-hazár dástán*, Pers.

Hab. Europe; N. Africa; W. Asia; common in Persia, but only known as a cage bird in Afghanistan.

A. B. Specimens from England. Mr. Bartlett (1844). (*N. B.* The Nightingales are barely separable, generically, from certain small solitary Thrushes of N. America).

Subfam. SAXICOLINÆ.

Genus Thamnobia, Swainson.

966. Th. cambaiensis.

Syn. *Sylvia cambaiensis*, Latham.
Saxicoloides erythrurus, Lesson (the female).

Hab. Upper and Central India.

A. B. Males procured near Mednapur (1848). *C.* Female. *D.* Young. Agra. L. C. Stewart, Esq. (1845). *E.* Male. Rajmahl. Willis Earle, Esq. (1844).

967. Th. fulicata (*Pl. Enl.* 185, f. 1).

Syn. *Motacilla fulicata*, L.
Œnanthe ptygmatura, Vieillot.
Th. leucoptera, Swainson.
Rusty-vented Thrush, and the female.—*Sylvia fulicata*, var. *a*, Latham.
Kulchuri, H (Jerdon).

Hab. S. India; Ceylon; Philippines?

A. B. Males. *C.* Female. S. India. T. C. Jerdon, Esq. (1844).

Genus Kittacincla, Gould.

968. K. macrourus (Vaillant, pl. 114).

Syn. *Turdus macrourus*, Gmelin.
T. tricolor, Vieillot.
Gryllivora longicauda, Swainson.
Shámá, H.; *Abbeka*, H. (Jerdon): *Larwa*, Jav.

Hab. India generally (nec Lower Bengal); Ceylon; Burmese and Malay countries.

A. Male, from Ceylon. E. L. Layard, Esq. (1848). *B.* Do. Procured near Mednapur (1848). *C.* Male. *D. E.* Females. From Arakan. Capt. J. R. Abbott (1844). *F.* Male. *G.* Female. Procured fresh (1845). *H. I.* Young males, from Malacca. Mr. E. Lindstedt (1847).

Genus Copsychus, Wagler.

969. C. mindanensis.

Syn. *Turdus mindanensis*, Gmelin.

Lanius musicus, Raffles (nec *Turdus amœnus*, Horsfield).

Gryllivora magnirostra et *Gr. rosea*, Swainson (vide *J. A. S.* XVI, 139.)

Choche, Malay; *Moorai*, or *Moorai Kichou*, Sum.

Hab. Malay countries.

A. Male. *B.* Female. Singapore. M. de Storr (1844). *C.* Male. *D.* Female. *E.* Young. Penang. Rev. J. Barbe (1846).

970. C. saularis (Edwards, pl. 181).

Syn. *Gracula saularis*, L.

Gryllivora intermedia, Swainson.

Dahila docilis, Hodgson, *As. Res.* XIX, 189.

Dayal, B.; *Dayyur* or *Deyr*, H. (Jerdon): *Polichia*, Cingh: *Thabeitgyee*, Arakan.

Hab. Bengal; Nepal; India generally; Arakan; Tenasserim. (*N. B.* Head and back of female invariably ashy).

A. Male. *B.* Female. *C.* Young male. *D.* Young female. Vicinity of Calcutta (1842-6).

Var. *Gr. brevirostra* (*?*), Swainson.

Hab. Ceylon. (*N. B.* Head and back of shining black, nearly as in the male).

A. Male. *B. C.* Females. *D.* Young. E. L. Layard, Esq. (1848).

Genus Notodela (?), Lesson.

971. N. (?) leucura, *J. A. S.* XVI, 138.

Syn. *Muscisylvia leucura*, Hodgson, *P. Z. S.* 1845, p. 27.

Hab. Masuri; Nepal.

A. Specimen from Masuri. Capt. Hutton (1849). *B.* Do. (in bad order), from Nepal. B. H. Hodgson, Esq. (1843).

Genus Grandala, Hodgson.

972. Gr. cœlicolor, Hodgson, *J. A. S.* XII, 447.

Hab. Simla; Nepal: near snowy region.

A. Male. *B.* Female. *C.* Young. From Nepal. B. H. Hodgson, Esq. (1843).

Genus SAXICOLA, Bechstein (*Jerka*, Sindh).

973. S. LEUCURA (Latham, Syn, II, pl. 38).
SYN. *Turdus leucurus*, Gmelin.
Saxicola cachinnans, Temminck.
HAB. S. Europe; Africa.
A. Specimen from Algiers. M. Malherbe (1848).

974. S. OPISTHOLEUCA, Strickland.
SYN. *S. leucura* apud Blyth, *J. A. S.* XVI, 137.
HAB. Upper Hindustan; Sindh.
A. Specimen from Agra. L. C. Stewart, Esq. (1845).

975. S. PICATA, Blyth, *J. A. S.* XVI, 131.
HAB. Upper Hindustan; Sindh.
A. B. Specimens from N. W. India. Capt. Boys (1846).

976. S. LEUCOMELA (*Pl. Col.* 257, f. 3).
SYN. *Muscicapa leucomela* et *M. melanoleuca*, Stephens.
HAB. S. Europe; N. Africa; W. Asia; Upper Hindustan; Sindh.
A. B. Specimens from N. W. India. Capt. Boys (1845).

977. S. ATROGULARIS, Blyth, *J. A. S.* XVI, 130-1).
HAB. Upper Hindustan; Sindh.
A. B. Specimens from Agra. L. C. Stewart, Esq. (1847).

978. S. STAPAZINA (Edwards, pl. 31, front figure).
SYN. *Motacilla stapazina*, Gmelin.
HAB. S. Europe; N. Africa.
A. Specimen from Algiers. M. Malherbe (1848).

979. S. AURITA, Temminck (Edwards, pl. 31, hind figure).
HAB. S. Europe; N. Africa.
A. Specimen from Algiers. M. Malherbe (1848).

980. S. ŒNANTHE (*Pl. Enl.* 554).
SYN. *Motacilla œnanthe*, L.
HAB. Europe; W. Asia; Upper Hindustan.
A. B. C. D. E. F. G. Specimens in various states of plumage from England. Presented by the Cornish Institution and by Mr. Davison (1844-6).

Genus CYANECULA, Brehm.

981. C. SUECICA (*Pl. Enl.* 361, f. 2, and 610, f. 1, 2, 3).
SYN. *Motacilla suecica*, L.
Sylvia cæruligula, Pallas.
S. sperata, var. *A*, Latham (the female).
Blue-necked Warbler, Latham.
Husaini Pidda, H.: *Dumbuk*, Kabul.
HAB. N. Europe; India generally: very abundant in Lower Bengal.
A. B. Males. *C. D. E. F*. Females. From the vicinity of Calcutta (1842-9).

Genus RUTICILLA, Brehm.

982. R. FRONTALIS (Gould's *Century*, pl. 26, f. 2).
SYN. *Phœnicura frontalis*, Vigors.
HAB. Himalaya generally.
A. B. Males. *C.* Female. From Darjiling. Mr. Webb (1845). *D.* Female. Masuri. Capt. Hutton (1849).

983. R. ERYTHROGASTRA.
SYN. *Sylvia erythrogastra*, Guldenstadt.
Muscicapa aurorea, Pallas.
Phœnicura Reevesii, Gray.
HAB. N. and M. Asia, from the Caucasus to Japan; Nepal; Assam.
A. Male. *B.* Female. Nepal. B. H. Hodgson, Esq. (1842).

984. R. PHŒNICURUS (*Pl. Enl.* 351, f. 2).
SYN. *Motacilla phœnicura*, L.
Phœnicura ruticilla, Swainson.
R. tythys of Afghanistan, apud Hutton, *J. A. S.* XV, 780.
HAB. Europe; W. Asia; and variety in Afghanistan and Sindh.
A. B. Males. *C.* Female. England. Mr. Davison (1844). *D.* Variety from Afghanistan (with merely a trace of white on the forehead). Male, from Kandahar. Capt. Hutton (1849).

985. R. LEUCOPTERA, Blyth, *J. A. S.* XII, 962; XVI, 134.
HAB. Malayan peninsula; Java.
A. B. Males. *C.* Female. Java. Presented by the Batavian Society (1845).

986. R. INDICA, Blyth (Jardine and Selby, *Ill. Orn.* pl. 86, f. 3).
SYN. *Phœnicura atrata* apud Jardine and Selby.
Thirt biva (i. e. 'Shaker'). H. (Jerdon).
HAB. India generally.
A. Male. *B. C.* Females. From the vicinity of Calcutta (1843-5).

987. R. TYTHYS (Jardine and Selby, *Ill. Orn.* pl. 86, f. 1, 2).
SYN. *Motacilla tithys* et *M. erythaca*, L.
S. atrata et *S. gibraltariensis*, Latham.
HAB. Europe; W. Asia; N. Africa.
A. Female, from Algiers. M. Malherbe (1848).

988. R. CÆRULEOCEPHALA (Gould's *Century*, pl. 26, f. 2).
SYN. *Phœnicura cæruleocephala*, Vigors.
HAB. Himalaya.
A. Specimen from Masuri. Capt. Hutton (1849). *B.* Do. (injured), from Nepal. B. H. Hodgson, Esq. (1843).

989. R. FULIGINOSA.
SYN. *Phœnicura fuliginosa*, Vigors, *P. Z. S.* 1831, p. 35.
Ph. plumbea, Gould, *P. Z. S.* 1835, p. 185.
HAB. Himalaya.
A. Male. Masuri. Capt. Hutton (1849). *B.* Male. *C. D.* Females. Darjiling. Mr. Webb (1845).

990. R. LEUCOCEPHALA (Gould's *Century*. pl. 26, f. 2).
SYN. *Phœnicura leucocephala*, Vigors.
Sylvia erythrogastra, var. *a*, Latham.
HAB. Himalaya.
A. B. C. Specimens from Masuri. Capt. Hutton (1849).

Genus CALLIOPE, Gould.

991. C. PECTORALIS, Gould (*Icones Avium*).
HAB. Himalaya.
A. Male. Darjiling. C. S. Bonnevie, Esq. (1847). *B. C.* Males. *D.* Female. Masuri. Capt. Hutton (1849).

992. C. CAMTSCHATKENSIS (Lath. *Supp.*, pl. in frontispiece).
SYN. *Sylvia camtschatkensis*, Gmelin.
Motacilla calliope, Pallas.
Calliope Lathami, Gould.
Gangula, Nepal.
HAB. Asia. Common in Lower Bengal during the cold season; rare in C. India.
A. B. Males. *C.* Female. Vicinity of Calcutta (1843-6).

993. C. CYANA.
SYN. *Larvivora cyana*, et *L. brunnea* (*?*), Hodgson, *J. A. S.* VI, 102.
Phœnicura superciliaris, Jerdon, *Madr. Journ.* XIII, 170.
HAB. Himalaya chiefly: rare in Nilgiris: very rare and accidental in Lower Bengal during the seasons of passage.
A. Male, from vicinity of Calcutta (1846).

Genus TARSIGER, Hodgson.

994. T. CHRYSÆUS, Hodgson, *Ann. Mag. N. H.* 1845, p. 198.
HAB. S. E. Himalaya.
A. Male. *B.* Female. *C.* Young (in bad order). From Nepal. B. H. Hodgson, Esq. (1843). *C.* Male (injured). *D.* Female. Darjiling. C. S. Bonnevie, Esq. (1847).

Genus PRATINCOLA, Koch.

995. PR. CAPRATA (*Pl. Enl.* 235, f. 1, 2).
SYN. *Motacilla caprata*, L.
M. lucionensis, var. *A*, Latham.

M. sylvatica (?), Tickell, *J. A. S.* II, 575.
Saxicola fruticola, Horsfield.
S. bicolor et *S. erythropygia*, Sykes.
Pidha, or *Kala Pidha*, H.; *Lay khya*, Arakan; *Dechu*, Jav.

HAB. India generally (nec Lower Bengal); Arakan; Java.
A. Male. *B.* Female. From S. India. T. C. Jerdon, Esq. (1844). *C.* Male. *D.* Female. From Ramree, Arakan. Capt. J. R. Abbott (1844).

996. PR. RUBICOLA (*Pl. Enl.* 678, f. 1).
SYN. *Motacilla rubicola*, L.
HAB. Europe; N. Africa.
A. B. C. Males. *D. E.* Females. From England. Cornish Institution and Mr. Davison (1843-7). *F.* Male. *G. H.* Females. Algiers. M. Malherbe (1848).

997. PR. INDICA, Blyth, *J. A. S.* XVI, 129.
SYN. *P. rubicola* of India, auctorum.
HAB. India generally.
A. Male, Darjiling. Capt. Tickell (1848). *B. C. D.* Males. *E. F.* Females. From the vicinity of Calcutta (1843-5). *G.* Young. Sindh. Sir A. Burnes (1841).

998. PR. LEUCURA, Blyth, *J. A. S.* XVI, 474.
HAB. Sindh.
A. Male (in bad order). Sir A. Burnes (1841).

999. PR. RUBETRA (*Pl. Enl.* 678, f. 2).
SYN. *Motacilla rubetra*, L.
HAB. Europe; N. Africa.
A. B. Males. *C. D. E.* Females. England. Cornish Institution and Mr. Bartlett (1843-6). *F.* Female. Algiers. M. Malherbe (1848).

1000. PR. FERREA, Hodgson, *J. A. S.* XVI, 129.
HAB. Himalaya generally.
A. Male. *B.* Female. From Darjiling. C. S. Bonnevie, Esq. (1847). *C.* Male. *D. E.* Females. Masuri. Capt. Hutton (1849).

Genus IANTHIA, Blyth.

1001. I. HYPERYTHRA, Blyth, *J. A. S.* XVI, 132.
HAB. Sikim.
A. Male. Darjiling. Mr. Webb (1845).

1002. I. RUFILATUS, *J. A. S.* XVI, 132.
SYN. *Nemura rufilatus*, and the female—*N. cyanura*, Hodgson, *P. Z. S.* 1845, p. 27.
Erythaca Tytlerii (?), Jameson, *Trans. Wern. Soc.* (not described).
Motacilla cyanura (?), Pallas, the female.

HAB. Himalaya generally; more numerous to the N. W.?
A. Male. From Darjiling. Mr. Webb (1845). *B. C.* Females. Masuri. Capt. Hutton (1849).

Genus ERYTHACA, (Antiq.) Cuv., G. R. Gray.

1003. E. FLAVOLIVACEA.
SYN. *Ianthia flavolivacea*, (Hodgson), *J. A. S.* XVI, 133, 474.
Nemura flavolivacea, Hodgson, *P. Z. S.* 1845, p. 27.
HAB. Sikim.
A. Specimen presented by C. S. Bonnevie, Esq. (1847).

1004. E. RUBECULA (*Pl. Enl.* 361, f. 1).
SYN. *Motacilla rubecula*, L.
HAB. Europe; W. Asia (Trebizond).
A. B. Specimens from England. Mr. Bartlett and Mr. Davison (1844-5).

Genus ERYTHROSTERNA, Bonap.

1005. E. LEUCURA (vide *J. A. S.* XVI, 474).
SYN. *Muscicapa leucura*, Gmelin.
M. parva of India, auctorum.
Saxicola rubeculoides, Sykes.
Synornis joullaimus, Hodgson, *P. Z. S.* 1845, p. 27.
White-tailed Red-breast, and the young—probably *Maculate Flycatcher*, Latham.
Turra, H.
HAB. India generally; rarer to the S.: extremely common in L. Bengal.
A. B. C. D. E. F. Specimens from the neighbourhood of Calcutta (1842-6). Vide *J. A. S.* XVI, 474.

1006. E. ACORNAUS, (Hodgson).
SYN. *Muscicapula acornaus* of Nepal, *J. A. S.* XVI, 127.
HAB. Himalaya.
A. Specimen (very bad). Nepal. B. H. Hodgson, Esq. (1842).

1007. E. PUSILLA, Blyth, *J. A. S.* XVIII,
SYN. *Muscicapula acornaus* of Central India, apud Blyth, *J. A. S.* XVI, 127.
Muscicapa pyonensis apud Blyth, *J. A. S.* XI, 458.
HAB. Central India.
A. B. Specimens from Mednapur jungles (1848).

Genus SIPHIA, Hodgson.

1008. S. STROPHIATA, Hodgson, *Ind. Rev.* 1837, p. 651.
HAB. Himalaya.
A. B. Specimens from Darjiling. C. S. Bonnevie, Esq. (1837).

1009. S. SUPERCILIARIS.

SYN. *Dimorpha superciliaris*, Blyth, *J. A. S.* XI, 190 (altered to *Muscicapula hyperythra*, *J. A. S.* XI, 885, and again by an oversight to *M. rubecula*, *J. A. S.* XII, 940).

D. (?) rubrocyanea, Hodgson, *P. Z. S.* 1845, p. 26.

HAB. S. E. Himalaya.

A. Specimen from Darjiling. Capt. Tickell (1848).

1010. S. (?) TRICOLOR.

SYN. *Digenea tricolor*, Hodgson, *P. Z. S.* 1845, p. 46 ; *J. A. S.* XVI, 126.

HAB. Himalaya.

A. Adult, from Masuri. Capt. Hutton (1849). *B.* Young (much injured). Nepal. B. H. Hodgson, Esq. (1842).

1011. S. (?) LEUCOMELANURA.

SYN. *Digenea leucomelanura*, Hodgson, *P. Z. S.* 1845, p. 26 ; *J. A. S.* 1845, XVI, 126.

HAB. S. E. Himalaya.

A. Specimen (in bad condition). Nepal. B. H. Hodgson, Esq. (1843).

Genus ANTHIPES, Blyth.

1012. A. MONILIGER.

SYN. *Dimorpha? moniliger*, Hodgson, *P. Z. S.* 1845, p. 26.

Niltava McGregoriæ, *fœm.* (*?*), apud Hodgson, *Ind. Rev.* 1837, p. 650.

A. gularis, Blyth, *J. A. S.* XVI, 122.

HAB. S. E. Himalaya ; Arakan.

A. Specimen from Arakan. Capt. J R. Abbott (1844). *B.* Another, from Darjiling. Capt. Tickell (1848). *C.* Another, from Darjiling. Purchased (1849).

Genus MUSCICAPULA, Blyth.

1013. M. MELANOLEUCA, vide *J. A. S.* XVI, 127.

SYN. *Muscicapa maculata* apud Tickell, *J. A. S.* II, 574.

HAB. S. E. Himalaya ; C. India ; Arakan ; Tenasserim provinces ; Java.

A. Specimen from Java. Presented by the Batavian Society (1845). *B. C.* Specimens procured in the Mednapur jungles (1848).

1014. M. SUPERCILIARIS (Jardine's *Contrib. Orn.* 1848, pl.).

SYN. *Muscicapa superciliaris*, Jerdon, *Madr. Journ.* XI, 16.

Dimorpha albogularis, Blyth, *J. A. S.* XI, 190.

Muscicapa hemileucura, Hodgson, G. R. Gray.

Lucknow Flycatcher and *Azure Warbler*, Latham.

HAB. Himalaya chiefly ; C. and S. India.

A. B. Specimens from Deyra Doon. Capt. Hutton (1849). *B.* Do. (in bad order). From S. India. T. C. Jerdon, Esq. (1843).

1015. M. SAPPHIRA (Tickell) Blyth, *J. A. S.* XII, 939; XVI, 473. (Jerdon's *Ill. Ind. Orn.* pl. 32).
HAB. Sikim.
A. Male. Presented by Mrs. Oakes, (1843). *B.* Female. Capt. C. S. Bonnevie (1848).

Genus CYORNIS, Blyth.

1016. C. UNICOLOR, Blyth, *J. A. S.* XII, 1007: XVI, 128.
HAB. Sikim.
A. Male. Purchased (1849). *B.* Young. Capt. Charleton (1843).

1017. C. RUBECULOIDES (Gould's 'Century,' pl. 25).
SYN. *Phœnicura rubeculoides*, Vigors.
Niltava brevipes, Hodgson, *Ind. Rev.* 1837, p. 651.
Muscicapa rubecula, Swainson (the female).
Œtherial Warbler, Latham (and the female agrees with the supposed female of his *Blue Indian Warbler*).
HAB. Himalaya; visiting the plains in the cold season, when not rare in the vicinity of Calcutta: Arakan; Tenasserim.
A. B. Males. *C.* Female. From the vicinity of Calcutta (1843-5). *D.* Young. Darjiling. C. S. Bonnevie, Esq. (1847).

1018. C. BANYUMAS (Horsfield's *Zool. Res. in Java*, pl.).
SYN. *Muscicapa banyumas*, Horsfield.
M. cantatrix, Temminck.
HAB. Java: very rare in Nilgiris.
A. Male, from the Nilgiris. T. C. Jerdon, Esq. (1843).

1019. C. ELEGANS.
SYN. *Muscicapa elegans*, Tem. (apud Strickland).
M. hyacintha apud Tickell, *J. A. S.* II, 574.
C. Tickelliæ, Blyth, *J. A. S.* XII, 941.
Blue Indian Warbler? Latham (vide *J. A. S.* XVI, 128).
HAB. Central (and W?) India.
A. Male, from C. India. C. Fraser Esq. (1844).

1020. C. ? (Allied to *Muscicapa pallipes*, Jerdon) *Madr. Journ.* XI, 15.
HAB. Sikim.
A. Female. Darjiling. Purchased (1849).

Genus OCHROMELA, Blyth.

1021. OCHR. NIGRORUFA, *J. A. S.* XVI, 129.
SYN. *Saxicola nigrorufa*, Jerdon, *Madr. Journ.* X, p. 266.
Muscicapa rufula, la Fresnaye.
HAB. Summit of Nilgiris.
A. B. Males. *C.* Female. T. C. Jerdon, Esq. (1843-8).

Genus NILTAVA, Hodgson. (*Niltouw*, Nepal).

1022. N. GRANDIS.

SYN. *Chaitaris grandis* Blyth, *J. A. S.* XI, 189.
Bainopus irenoides, Hodgson, G. R. Gray.

HAB. Sikim.

A. Male. Mr. Webb (1845). *B.* Male. *C.* Female. *D.* Young. Purchased (1849).

1023. N. SUNDARA, Hodgson, *Ind. Rev.* 1837, p. 650.

HAB. Himalaya; rare to the N. W.

A. Male. *B.* Female. Mr. Webb (1845). *C.* Male. *D.* Female. Purchased (1849).

1024. N. McGREGORIÆ.

SYN. *Phœnicura McGregoriæ*, Burton, *P. Z. S.* 1835, f. 152.
N. fuligiventer, Hodgson, *Ind. Rev.* 1837, p. 650 (the male only).
Dimorpha auricularis, Hodgson, *J. A. S.* XII, 240.
Leiothrix signata, McClelland, *P. Z. S.* 1839, p. 162.
} The female.

HAB. Himalaya; Assam.

A. Male. Darjiling. C. S. Bonnevie, Esq. (1847). *B.* Female (in bad condition). B. H. Hodgson, Esq. (1844).

Genus CYANOPTILA, Blyth.

1025. C. CYANOMELANURA, *J. A. S.* XVI, 125 (*Pl. Col.*).

SYN. *Muscicapa cynomelanura*, Temminck.

HAB. Java.

A. Specimen presented by the Batavian Society (1845).

Genus STOPAROLA, Blyth.

1026. ST. MELANOPS (Gould's 'Century,' pl. 6).

SYN. *Muscicapa melanops*, Vigors.
M. lapis, Lesson, *Rev. Zool.* &c. 1839, p. 104.
M. thalassina, Swainson (the female).
Verditer Flycatcher, Latham.
Nil Katkatea, Beng.

HAB. India generally; visiting the plains in the cold season.

A. B. Males. *C. D.* Females. From the vicinity of Calcutta (1842-6). *E. F.* Young. Darjiling. Purchased (1849).

1027. ST.———? (Vide *J. A. S.* XVI, 125).

HAB. Java.

A. Specimen presented by the Batavian Society (1845).

1028. ST. INDIGO.

SYN. *Muscicapa indigo*, Horsfield.

HAB. Java.

A. Specimen presented by the Batavian Society (1845).

1029. St. albicaudata, Jerdon (*Ill. Ind. Orn.* pl. 14).
Syn. *Muscicapa albicaudata*, Jerdon, *Madr. Journ.* XI, 16.
Hab. Nilgiris.
A. B. Males. *C.* Female (bill injured). T. C. Jerdon, Esq. (1843-8).

Genus Muscicapa, L. (as restricted).

1030. M. atricapilla, L. (*Pl. Enl.* 565, of 2, 3); Edwards, pl 30).
Syn. *M. luctuosa*, Temminck.
Hab. Europe; Africa.
A. Male from Algiers. M. Malherbe (1848). *B.* Male. *C.* Female. Norway. Christiania University (1849).

Genus Muscicapa, L.

Subgenus BUTALIS, Boie.

1031. B. grisola (*Pl. Enl.* 565, f. 1).
Syn. *Muscicapa grisola*, L.
Hab. Europe; Africa.
A. B. C. Specimens from England. Presented by the Cornish Institution and Mr. Davison (1844-6).

1032. B. terricolor, Hodgson, *J. A. S.* XVI, 120.
Hab. Nepal.
A. Adult. *B.* Young (in bad order). B. H. Hodgson, Esq. (1843).

Subgenus HEMICHELEDON, Hodgson.

1033. H. latirostris.
Syn. *Muscicapa latirostris*, Raffles, Swainson.
M. poonensis, Sykes.
Zukki, H. (Jerdon).
Hab. India generally; common in Ceylon; rare in L. Bengal: Malayan peninsula; Sumatra.
A. Specimen shot near Calcutta (1848). *B.* Do., from Ceylon. E. L. Layard, Esq. (1848). *C.* Do., from S. India. T. C. Jerdon, Esq. (1844). *D.* Do., from Malacca, described *J. A. S.* XI, 791.

1034. H. fuliginosa, Hodgson, *P. Z. S.* 1845, p. 31, *J. A. S.* XVI, 119.
Hab. Himalaya.
A. B. Specimens from Masuri. Capt. Hutton (1849). *C.* Young (much injured), from Nepal. B. H. Hodgson, Esq. (1843).

1035. H. ferruginea, Hodgson, *P. Z. S.* 1845, p. 32.
Hab. S. E. Himalaya.
A. B. Specimens purchased (1849).

Genus MICRŒCA, Gould.

1036. M. LEUCOPHŒA (Gould's *B. A.* Vol. II, pl. 93).
SYN. *Sylvia leucophœa*, Latham.
Myiagra macroptera, Vigors and Horsfield.
Loxia fascinans (*?*), Latham.
HAB. N. S. Wales; S. Australia.
A. Specimen received from the Sydney Institution (1846).

American series

Genus SIALIA, Swainson.

1037. S. WILSONII, Swainson (Wilson's *Am. Orn.* pl. 3, f. 3; Edwards, pl. 24).
SYN. *Motacilla sialis*, L.
HAB. N. America.
A. Male. Mr. Bartlett (1844). *B.* Another. H. E. Strickland, Esq. (1846).

Australian series.

Genus PACHYCEPHALA, Swainson.

1038. P. OLIVACEA, Vigors and Horsfield (Gould's *B. A.* Vol. II, pl. 73).
SYN. *Timixos meruloides*, Blyth, *J. A. S.* XI, 195.
HAB. V. D. Land; Flinders Island: Pt. Philip.
A. Specimen (described *loc. cit*). Mr. Cracroft? *B.* Another, from Pt. Philip! Presented by Mr. Benson (1846).

1039. P. RUFIVENTRIS (Gould's *B. A.* Vol. II, pl. 67).
SYN. *Sylvia rufiventris* et *Turdus prasinus* (*?*), Latham.
P. striata, Vigors and Horsfield.
P. pectoralis apud Gould.
Lanius macularius, Quoy and Gaymard.
HAB. S. Australia.
A. B. Males, from Port Philip. Mr. Benson (1846).

1040. P. PECTORALIS (Gould's *B. A.* Vol. II, pl. 64).
SYN. *Muscicapa pectoralis* et *Turdus gutturalis*, Latham.
T. lunularis, Shaw.
Laniarius albicollis, Vieillot.
P. fusca et *P. fuliginosa*, Vigors and Horsfield.
HAB. N. S. Wales; S. Australia; Swan River.
A. Male. *B.* Female. Port Philip. Mr. Benson (1846). *C.* Male. Lord A. Hay (1845).

Genus EOPSALTRIA, Swainson.

1041. E. AUSTRALIS (Gould's *B. A.* Vol. III, pl. 2).
SYN. *Muscicapa australis* et *Sylvia flavigastra* (*?*), Latham.
Pachycephala australis, Vigors and Horsfield.
E. flavicollis, Swainson.
E. parvula (*?*), Gould (the female?).

HAB. N. S. Wales.
A. Male. Lord A. Hay (1845). *B.* Young male, with some nestling feathers. Mr. Cracroft (1837).

Genus PETROICA, Swainson.

1042. P. MULTICOLOR (Gould's *B. A.* Vol. 3, pl. 3).
SYN. *Muscicapa multicolor*, Vigors and Horsfield.
HAB. N. S. Wales; V. D. Land.
A. B. Males, from the Sydney Institution (1845).

1043. P. PHŒNICEA, Gould (*B. A.* Vol. 3, pl. 6).
SYN. *Muscicapa erythrogaster*, var., Latham.
HAB. S. E. Australia; V. D. Land.
A. Male. Sydney Institution (1845). *B.* Another, from Port Philip. Mr. Benson (1846.)

Subgenus ERYTHRODRYAS, Gould.

1044. E. ROSEA, Gould (*B. A.* Vol. 3, pl. 2).
HAB. N. S. Wales.
A. Male. *B.* Female. Presented by the Sydney Institution (1846).

Genus EPHTHIANURA, Gould.

1045. E. ALBIFRONS (Gould's *B. A.* Vol. 3, pl. 64).
SYN. *Acanthiza albifrons*, Jardine and Selby.
HAB. N. S. Wales; S. Australia.
A. Specimen from Port Philip. Mr. Benson (1846).

Genus CHTHONICOLA, Gould.

1046. C. SAGITTATA (Gould's *B. A.* Vol. 3, pl. 72).
SYN. *Sylvia sagittata*, Latham.
Anthus minimus, Vigors and Horsfield.
HAB. N. S. Wales; S. Australia.
A. B. Specimens from Port Philip. Mr. Benson (1846).

Genus SERICORNIS, Gould.

1047. S. HUMILIS, Gould (*B. A.* Vol. 3, pl. 47).
HAB. S. Australia; V. D. Land.
A. B. Specimens from Port Philip. Mr. Benson (1846).

Genus ACANTHIZA, Vigors and Horsfield.

1048. AC. CHRYSORRHŒA (Gould's (*B. A.* Vol. 3, pl. 63).
SYN. *Saxicola chrysorrhœa*, Quoy and Gaymard.
HAB. N. S. Wales; W. and S. Australia; V. D. Land.
A. Specimen presented by the Sydney Institution (1845).
B. C. Others from V. D. Land J. M'Clelland Esq. (1849).

1049. A. LINEATA, Gould (*B. A.* Vol. 3, pl. 61).
HAB. S. Australia.
A. Specimen from Port Philip. Mr. Benson (1846).

1050. A. NANA, Vigors and Horsfield (Gould's *B. A.* Vol. 3, pl. 60).
A. Specimen presented by the Sydney Institution (1845).

1051. A.———?
HAB. Java?
Specimen presented by the Batavian Institution (1845).

BRACHYPTERYX series.

Genus SYLVANIA, Blyth.

1052. S. PHŒNICUROIDES, *J. A. S.* XVI, 135.
SYN. *Brachypterus phœnicuroides*, Hodgson, Gray's *Catal.*
HAB. Himalaya.
A. Male (in bad order), from Nepal. B. H. Hodgson, Esq. (1843). *B.* Female. Masuri. Capt. Hutton.

Genus CALLENE, Blyth.

1053. C. FRONTALIS, Blyth (*J. A. S.* XII, 1010. pl.), *ibid.* XVI, 136.
HAB. Sikim.
A. Male, purchased (1842). *B.* Another. Mrs. Oakes (1843).

Genus BRACHYPTERYX, Horsfield.

1054. BR. MAJOR.
SYN. *Phœnicura major*, Jerdon, *Madr. Journ.* XIII, 170.
HAB. Nilgiris.
A. B. Males. T. C. Jerdon, Esq. (1844-8).

1055. BR. MONTANA, Horsfield (*Zool. Res. in. Java*, pl.).
HAB. Java.
A. Male, presented by the Batavian Society (1845).

1056. BR. CRURALIS.
SYN. *Calliope (?) cruralis*, Blyth, *J. A. S.* XII, 933, XVI, 136.
HAB. Sikim.
A. Male. Purchased (1842). *B.* Female. Purchased (1849). Both from Darjiling.

1057. BR. (?) NIGROCAPITATA, Eyton, *P. Z. S.* 1839, p. 137.
HAB. Malayan peninsula.
A. B. Specimens from Malacca. Rev. T. Boaz (1843).

Genus TESIA, Hodgson.

1058. T. CYANIVENTER, Hodgson, *J. A. S.* VI, 101.
SYN. *T. auriceps*, Hodgson, *J. A.* S. XVI, 137, 474.
Saxicola ? olivea, McClelland, *P. Z. S.* 1839, 161.
HAB. Nepal; Sikim; Assam.
A. Specimen from Nepal. B. H. Hodgson, Esq. (1842).
B. Do., Darjiling. C. S. Bonnevie, Esq. (1847).

1059. T. CASTANEO-CORONATA.
SYN. *Sylvia castaneo-coronata*, Burton, *P. Z. S.* 1835, p. 152.
T. flaviventer, Hodgson, *J. A. S.* VI, 102.
HAB. Himalaya.
A. Specimen from Nepal. B. H. Hodgson, Esq. (1842).
B. Do., from Darjiling. C. S. Bonnevie, Esq. (1847).

Genus PNOEPYGA, Hodgson.

1060. PN. SQUAMATA (Gould's *Icones Avium*).
SYN. *Microura squamata*, Gould.
Tesia rufiventer, *T. albiventer*, and *T. concolor*, Hodgson (varieties of colouring).
HAB. Nepal; Sikim.
A. Specimen (white-breasted, and above much spotted). *B.* Do. (fulvous-breasted, with few spots above). *C.* Do., (uniform brown without spots, but one or two white-edged feathers of the preceding garb retained on the breast). Nepal. B. H. Hodgson, Esq. (1843), and sent as *Pn. albiventer*, *Pn. rufiventer*, and *Pn. concolor*). *D. E.* White-breasted specimens, from Darjiling. C. S. Bonnevie, Esq. (1847).

1061. PN. PUSILLA.
SYN. *T. pusilla*, Hodgson, *J. A. S.* XIV, 588.
T. squamata, small variety?
HAB. Nepal.
A. Specimen presented by B. H. Hodgson, Esq. (1843).

1062. PN. CAUDATA.
SYN. *Tesia caudata*, Blyth, *J. A. S.* XIV, 588.
HAB. Sikim.
A. Specimen from Darjiling. Presented by Mr. Webb (1845).

Genus———? (LEPTORHYNCHUS, Menetries).

1063. L. (?) SUBLUTEOVENTRIS, Blyth, *J. A. S.* XIV, 589.
HAB. Guiana?
A. Specimen received, from Mr. Bartlett (1844).

Fam. ? (MOTACILLIDÆ? p. 134).

Genus MUSCISAXICOLA, d'Orbigny.

1064. M. RUFIVERTEX, d'Orb. (*Voy. dans l'Am. Mer., Ois.*, pl. 40, f. 2).
HAB. Andes.
A. B. Specimens purchased (1843).

1065. M. ?
HAB. Andes.
A. B. Specimens purchased (1843).

1066. M. NIGRA (*Pl. Enl.* 738, f. 2; *Voy. de la Favorite, Ois.* pl. 15, female, and head of male.

SYN. *Alauda nigra*, Boddaert.
A. rufa, Gmelin.
A. fulva, Latham.
Sylvia dorsalis, King.
Lessonia erythronotus, Shaw.
Anthus sordidus, Lesson.
A. variegatus, Eydoux.

HAB. Andes.
A. Male. Purchased (1843).

Fam.?

Genus MUSCIGRALLA, d'Orbigny and Lafresnaye.

1067. M. BREVICAUDA, d'Orb. et Lafr. (*Voy. d'Am., Mer., Ois.*, pl. 39, f. 1).

HAB. Chili; Peru.
A. B. Specimens purchased (1843).

Fam.? Subfam. FLUVICOLINÆ.

Genus FLUVICOLA, Swainson.

1068. FL. BICOLOR (Edwards, pl. 348).

SYN. *Muscicapa bicolor*, Gmelin.

HAB. S. America.
A. Specimen received from Mr. Bartlett (1845).

Fam. TYRANNIDÆ.

Genus TYRANNUS, Brisson.

1069. T. CAROLINENSIS, Vieillot (*Pl. Enl.* 676; Wilson's *Am. Orn.* pl. 13, f. 1).

SYN. *Lanius carolinensis*, Gmelin.
T. pipiri, Vieillot.
Muscicapa animosa (*?*), L.

HAB. N. America.
A. Specimen (now in bad order), presented by Mr. Lea of Philadelphia (1839).

1070. T. CRINITUS (Wilson's *Am. Orn.* pl. 13, f. 2).

SYN. *Muscicapa crinita*, L.

HAB. N. America.
A. Specimen (now not good), presented by Mr. Lea of Philadelphia (1839).

Genus PYROCEPHALUS, Gould.

1071. P. CORONATUS (*Pl. Enl.* 675, f. 1).

SYN. *Muscicapa coronata*, Gmelin.

HAB. Peru.
A. Male. *B.* Female. *C. D.* Young. Purchased (1844).

Genus MYIOBIUS, G. R. Gray.

1072. M. ——?
HAB. Peru.
A. Specimen (tail wanting). Purchased (1843).

Genus DASYCEPHALA, Swainson.

1073. S. GUTTURALIS (*Voy. de la Favorite*, Ois., pl. 11).
SYN. *Tyrannus gutturalis*, Eydoux and Gervais.
HAB. Chili.
A. Specimen purchased (1843).

Genus EUSCARTHMUS, P. Max.

1074. EU. PARULUS, (Kittlitz).
HAB. Chili.
A. Specimen purchased (1844).
Fam.——?

Genus ARUNDINAX, Blyth.

1075. A. OLIVACEUS, Blyth, *J. A. S.* XIV, 595.
SYN. *Phragmaticola olivacea*, Blyth, *M. S.*, Jerdon, *Madr. Journ.* XIII, pt. II, p. 129.
HAB. Bengal; Arakan; S. India.
A. B. Specimens from the vicinity of Calcutta (1845).

Genus AËDON, Boie.

1076. A. GALACTOTES (Tem. *Pl. Col.* pl. 28. f. 1).
SYN. *Sylvia galactotes*, Tem.
Turdus rufiginosus, Meyer.
T. arundinaceus, var. B, Latham.
HAB. Africa; S. Europe.
A. B. Specimens from Algiers. M. Malherbe (1848).

Genus ACROCEPHALUS, Naum.

1077. ACR. ARUNDINACEUS (*Pl. Enl.* 513).
SYN. *Turdus arundinaceus*, L.
Sylvia turdoides, Tem.
HAB. Europe.
A. Specimen from France. H. E. Strickland, Esq. (1846).

1078. ACR. BRUNNESCENS, *J. A. S.* XV, 288.
SYN. *Acrobates brunnescens*, Jerdon, *Madr. Journ.* X, 269.
Acroceph. arundinaceus v. *turdoides* of India, auctorum.
HAB. India generally; Arakan.
A. B. C. Specimens from the vicinity of Calcutta (1842-6).

1079. ACR. MONTANUS.
SYN. *Sylvia montana*, Horsfield, *Lin. Tr.* XIII, 156.

HAB. India generally; Java.
A. B. Specimens from the vicinity of Calcutta (1842-6).
C. Specimen from Ceylon (having a faint greenish shade). E. L. Layard, Esq. (1849).

1080. ACR. SALICARIUS? (*Pl. Enl.* 581, f. 2); vide *J. A. S.* XIV, 595.
SYN. *Motacilla salicaria*, Gmelin, apud Strickland.
M. arundinacea, Lightfoot, *Ph. Tr.* 75, p. 8.
HAB. Europe.
A. B. Specimens from England. Mr. Bartlett (1844).

1081. ACR. AGRICOLUS, Jerdon, *Madr. Journ.* XIII, pt. 2, p. 131; *J. A. S.* XIV, 595.
HAB. India generally; Afghanistan.
A. B. Specimens from the vicinity of Calcutta (1844).
C. Do., from Kabul. Sir A. Burnes (1839).

Genus CALAMODYTA, Meyer.

1082. C. PHRAGMITIS (Gould's *B. E.* pl.).
SYN. *Motacilla phragmitis*,
Sylvia schœnobœnus, Nilsson.
HAB. Europe.
A. B. Specimens from England. Mr. Davison (1844).

1083. C. AQUATICA (Gould's *B. E.* pl.).
SYN. *Sylvia aquatica*, Latham.
C. schœnobœnus, Bonap.
HAB. S. Europe.
A. B. Specimens from Sardinia. M. Malherbe (1848).

Genus LOCUSTELLA, (Ray) Gould.

1084. L. RUBESCENS, Blyth, *J. A. S.* XIV, 582.
HAB. Lower Bengal (in the cold season).
A. B. Specimens from the vicinity of Calcutta (1845-8).

1085. L. RAII, Gould (*Pl. Enl.* 581, f. 3).
SYN. *Sylvia locustella*, Latham.
HAB. Europe.
A. B. Specimens from England. Mr. Davison (1844).

Genus PSEUDOLUSCINIA (?), Sasi.

1086. PS. LUTEOVENTRIS.
SYN. *Tribura luteoventris*, Hodgson, *P. Z. S.* 1845, p. 30; *J. A. S.* XIV, 583.
HAB. Kachar region of Nepal.
A. Specimen (in bad order). B. H. Hodgson, Esq. (1843).

Genus DUMETICOLA, Blyth.

1087. D. THORACÍCA, Blyth, *J. A. S.* XIV, 584.
SYN. *Salicaria affinis*, Hodgson, G. R. Gray.
HAB. Nepal.
A. Specimen (in bad order). B. H. Hodgson, Esq. (1843).

Genus PHYLLOPNEUSTE, Meyer.

1088. PH. RAMA.
SYN. *Sylvia rama*, Sykes, *P. Z. S.* 1832, p. 89; *J. A. S.* XVI, 440.
HAB. India generally.
A. B. Specimens from Lower Bengal (1845). *C. D. E.* Do., somewhat browner), from S. India. T. C. Jerdon, Esq. (1845).

1089. PH. INDICUS, Blyth, *J. A. S.* XIV, 593.
HAB. Nepal; S. India; China (Chusan).
A. Specimen from Nepal (tail-less). B. H. Hodgson Esq. (1843). *B.* Do. (with head injured), from S. India, T. C. Jerdon, Esq. (1844).

1090. PH. OCCIPITALIS, Jerdon, *J. A. S.* XIV, 593.
HAB. S. India.
A. Specimen presented by T. C. Jerdon, Esq. (1844).

Subgenus ABRORNIS, Hodgson.

1091. ABR. PULCHER, Hodgson, *J. A. S.* XVI, 592.
HAB. Nepal; Sikim.
A. Specimen (not good), from Nepal. B. H. Hodgson, Esq. (1844).

1092. ABR. CANTATOR.
SYN. *Motacilla cantator*, Tickell, *J. A. S.* II, 576; XVI, 440.
Culicipeta schisticeps, Hodgson, apud G. R. Gray.
HAB. Nepal; C. India; rare in Lower Bengal.
A. Specimen from the vicinity of Calcutta (1846).

1093. ABR. SCHISTICEPS, Hodgson, *J. A. S.* XIV, 592.
SYN. *Phyllopneuste xanthoschistos*, Hodgson, G. R. Gray.
HAB. Himalaya generally; Arakan.
A. B. Specimens from Masuri. Capt. Hutton (1849).

1094. ABR. POLIOGENYS, Blyth, *J. A. S.* XVI, 441.
HAB. Sikim.
A. Specimen from Darjiling. C. S. Bonnevie, Esq. (1847).

Subgenus CULICIPETA, Blyth.

1095. C. BURKII, *J. A. S.* XII, 968.
SYN. *Sylvia Burkii*, Burton, *P. Z. S.* 1835, p. 153.

Cryptolopha auricapilla, Swainson, 2¼ *Centen.*
Muscicapa bilineata, Lesson, *Rev. Zool. par la Soc. Cuv.* 1839, p. 104.

HAB. India generally; rare to the south.
A. B. Specimens from the vicinity of Calcutta (1844).

Subgenus REGULOIDES, Blyth.

1096. R. TROCHILOIDES.
SYN. *Acanthiza trochiloides*, Sundevall.
Phyllopneuste reguloides, Blyth, *J. A. S.* XI, 191; XII, 963.
HAB. Himalaya; migrating southward in cold season.
A. B. Specimens from the vicinity of Calcutta (1843).

1097. R. MODESTUS (Gould's *B. E.* pl.), *J. A. S.* XIV, 963.
SYN. *Regulus modestus*, Gould.
R. inornatus, Blyth, *J. A. S.* XI, 19—(abraded plumage).
Phyllopneuste nitida, G. R. Gray.
HAB. N. India, common in L. Bengal: very rare in Europe.
A. B. C. D. Specimens from the neighbourhood of Calcutta (1844).

1098. R. CHLORONOTUS, Hodgson, G. R. Gray.
HAB. Himalaya.
A. Specimen from Masuri. Capt. Hutton (1849).

Subgenus PHYLLOSCOPUS, Boie.

1099. PH. SIBILATRIX (*Pl. Col.* 245, f. 3).
SYN. *Motacilla sibilatrix*, L.
Sylvia sylvicola, Stephens.
HAB. Europe.
A. B. Specimens from England. Mr. Davison (1845).
C. Do., from Italy. M. Malherbe (1849).

1100. PH. NITIDUS, Blyth, *J. A. S.* XII, 965.
SYN. *Muscicapa vitida* (?) Latham, Franklim.
Sylvia hippolais apud Jerdon, *Madr. Journ.* XI, 6.
Hippolais Swainsoni, G. R. Gray.
HAB. India generally; Ceylon.
A. B. Specimens from the vicinity of Calcutta (1843-5).

1101. PH. NATTERERI (*Pl. Col.* 24, f. 3).
SYN. *Sylvia Nattereri*, Temminck.
HAB. S. Europe,
A. B. Specimens from Italy. M. Malherbe.

1102. PH. TROCHILUS (*Pl. Enl.* 651, f. 1).
SYN. *Motacilla trochilus*, L.
HAB. Europe; N. Africa; W. Asia; W. India (apud Gould; Japan.
A. B. Adults. *C.* Young. England. Mr. Bartlett (1843). *D.* Specimen from Algiers. M. Malherbe (1848).

1103. Ph. rufus.
Syn. *Sylvia rufa*, Temminck.
S. hippolais of most British authors.
S. loquax, Herbert.
Hab. Europe.
A. B. Specimens from England. Mr. Bartlett (1843).
C. D. Do., from Algiers. M. Malherbe (1848).

1104. Ph. tristis, Blyth, *J. A. S.* XII, 966.
Syn. "*Sylvia trochilus?*" apud Jerdon, *Madr. Journ.* XI, 6.
Hab. India generally.
A. B. Specimens from the vicinity of Calcutta (1842).

1105. Ph. montanus, Blyth, *J. A. S.* XVIII,
Hab. Himalaya.
A. B. Specimens from Masuri. Capt. Hutton (1849).

1106. Ph. viridanus, Blyth, *J. A. S.* XII, 967.
Hab. India generally; Arakan; very common in Lower Bengal.
A. B. Specimens from the vicinity of Calcutta (1842).

1107. Ph. affinis, *J. A. S.* XVI, 442.
Syn. *Motacilla affinis*, Tickell, *J. A. S.* II, 576.
Hab. Bengal (common).
A. B. C. Specimens from the neighbourhood of Calcutta (1842-4).

1108. Ph. lugubris, Blyth, *J. A. S.* XII, 968.
Hab. India generally: common in Lower Bengal.
A. B. Specimens from the vicinity of Calcutta (1842).

1109. Ph. javanicus?
Syn. *Sylvia javanica* (*?*), Horsfield, *Lin. Tr.* XIII, 156.
Ph. magnirostris, Blyth, *J. A. S.* XII, 966.
Opior Opior, Java.
Hab. Nepal; Bengal; Arakan; Java?
A. Specimen from the vicinity of Calcutta (1849).

1110. Ph. brunneus, Blyth, *J. A. S.* XIV, 591 (described from a small specimen).
Syn. *Ph. fuscatus*, var., Blyth, *J. A. S.* XVI, 443-4.
Hab. Bengal: common in Arakan.
A. B. Specimens from the vicinity of Calcutta (1846-7).
C. D. E. Do., from Arakan. Capt. Barry (1849). *F.* Do. do. Capt. Phayre (1845, and original of description, *J. A. S.* XIV, 591).

1111. Ph. fuscatus, Blyth, *J. A. S.* XI, 113; XII, 965.
Hab. Bengal; Arakan.
A. B. Specimens from the vicinity of Calcutta (1842-4).

Genus REGULUS, (Antiq.) Cuvier.

1112. R. IGNICAPILLUS, Temminck.
HAB. Europe and Asia. N. W. Himalaya?
A. B. Males. *C.* Female. Sardinia. M. Malherbe (1848).

1113. R. CRISTATUS, Ray (*Pl. Enl.* 651, f. 3).
SYN. *Motacilla regulus*, L.
R. auricapillus, Selby.
R. flavicapillus, Naum.
HAB. Europe and Asia: N. W. Himalaya.
A. B. Males. *C. D.* Females. From England. Mr. Davison (1845. *E.* Male, from Simla. Capt. Thomas (1845), *J. A. S.* XVI, 444.

Subfam. SYLVICOLINÆ.

Genus SYLVICOLA, Swainson.

1114. S. BLACKBURNIÆ (Wilson's *Am. Orn.* pl. 23, f. 3).
SYN. *Motacilla Blackburniæ*, Gmelin.
HAB. N. America.
A. Specimen presented by H. E. Strickland, Esq. (1841).

Subgenus MYIODIOCTES, Audubon.

1115. M. PARDALINA (Wilson's *Am. Orn.*, pl. 26, f. 2,—male).
SYN. *Sylvia pardalina*, Bonap.
Motacilla canadensis, L.
HAB. N. America.
A. Specimen presented by H. E. Strickland, Esq. (1846).

Subgenus PARULA, Bonap.

1116. P. BRAZILIANA, Lichtenstein.
HAB. Brazil.
A. Specimen presented by H. E. Strickland, Esq. (1846).

Subgenus MNIOTILTA, Vieillot.

1117. MN. VARIA (Wilson's *Am. Orn.* pl. 19, f. 3).
SYN. *Motacilla varia*, L.
Certhia maculata, Wilson.
HAB. N. America.
A. B. Specimens presented by Lord A. Hay (1845).

Subfam. SYLVIANÆ (frugivorous Warblers).

Genus SYLVIA, Latham (*Phularia*, H., *i. e.* 'Flower pecker').

1118. S. HORTENSIS (*Pl. Enl.* 579, f. 2).
SYN. *Motacilla hortensis*, Gmelin.
HAB. Europe; Africa.
A. B. C. Specimens from England. Mr. Bartlett (1843).

1119. S. ATRICAPILLA (*Pl. Enl.* 580, f. 1, 2).,
SYN. *Motacilla atricapilla*, L.
HAB. Europe; W. Asia; Africa.
A. B. Males. England. Mr. Davison (1845). *C.* Female. England. Mr. Bartlett (1843).

1120. S. SILENS (Levaillant, *Ois. d'Afr.* pl. 74).
SYN. *Lanius silens*, Shaw.
HAB. Africa.
A. Specimen presented by H. E. Strickland, Esq. (1846).

1121. S. ORPHEA, Temminck (*Pl. Enl.* 579, f. 1).
HAB. S. Europe; Africa.
A. Female, from Algiers. M. Malherbe (1848).

1122. S. JERDONI.
SYN. *Curruca Jerdoni*, Blyth, *J. A. S.* XVI, 439.
Philomela orphea apud Jerdon, *Madr. Journ.* X, 267.
HAB. S. India.
A. Male. *B.* Female. T. C. Jerdon, Esq. (1843-5).

1123. S. MELANOCEPHALA, Latham (*Pl. Col.* 245, f. 3).
HAB. S. Europe.
A. Male. *B.* Female. Algiers. M. Malherbe (1848).

1124. S. AFFINIS.
SYN. *Curruca affinis*, Blyth, *J. A. S.* XIV, note to p. 564.
HAB. S. India; Ceylon.
A. B. Specimens presented by T. C. Jerdon, Esq. (1843-6). *C.* Do., from Ceylon, E. L. Layard, Esq. (1848).

1125. S. CURRUCA (*Pl. Enl.* 380, f. 3).
SYN. *Motacilla curruca*, *M. sylviella*, et *M. dumetorum*, Gmelin.
Curruca garrula, Brisson.
HAB. Europe; Asia; Africa: India generally (nec Lower Bengal below the tideway).
A. B. Specimens from England. Mr. Bartlett (1843). *C. D.* Do., shot at Nadeá, L. Bengal (1845).

1126. S. CINEREA, Latham (*Pl. Enl.* 579, f. 3, and 581, f. 1).
SYN. *Motacilla sylvia*, L.
HAB. Europe; W. Asia; Africa.
A. B. C. Specimens from England. Mr. Bartlett (1843).

Subgenus MELIZOPHILUS, Leach.

1127. M. PROVINCIALIS (*Pl. Enl.* 655, f. 11).
SYN. *Motacilla provincialis*, Gmelin.
Sylvia dartfordiensis, Latham.
S. ferruginea, Vieillot.

Hab. S. Europe; S. of England; N. Africa.
A. Male. Algiers. *B.* Female. Sardinia. M. Malherbe (1848).

Fam. CERTHIADÆ.

Subfam. SYNALLAXINÆ.

Genus Synallaxis, Vieillot.

1128. S. pusillus, Nordmann.
Hab. S. America.
A. Specimen presented by Lord A. Hay (1845).

Genus Anabates, Temminck.

1129. A. squamiger (?), d'Orbigny.
Hab. Bogota.
A. Specimen presented by H. E. Strickland, Esq. (1847).

Subfam. DENDROCOLAPTINÆ.

Genus Dendrocolaptes, Hermann.

1130. D. longirostris, Illiger.
Hab. S. America.
A. Specimen received from Mr. Bartlett (1843).

Subfam. CERTHINÆ.

Genus Certhia, L.

1131. C. nipalensis, Hodgson (Blyth, *Mon. Indian Certhiadæ*).
Syn. *C. himalayana* apud Blyth, *J. A. S.* XIV, 581.
Hab. Nepal.
A. B. Specimens (in bad order). Presented by B. H. Hodgson, Esq. (1843).

1132. C. discolor, Blyth, *J. A. S.* XIV, 580.
Hab. Sikim.
A. B. Specimens from Darjiling. Mr. Webb (1845).

1133. C. himalayana, Vigors, *P. Z. S.* 1831, p. 174.
Syn. *C. asiatica*, Swainson, 2¼ Cent.
Hab. Deyra Doon.
A. B. Specimens presented by Capt. Hutton (1848-9).

1134. C. familiaris, L. (*Pl. Enl.* 681).
Hab. Europe.
A. B. Specimens from England. Cornish Institution and Mr. Davison (1844-7) *C.* Do. Holland. Christiania University (1849).

Genus CLIMACTERIS, Temminck.

1135. CL. SCANDENS, Tem. (Gould's *B. A.* Vol. IV, pl. 93).
HAB. N. S. Wales; S. Australia.
A. B. Specimens from Port Philip. Mr. Benson (1846).

1136. CL. LEUCOPHÆA (Gould's *B. A.* Vol. IV, pl. 98).
SYN. *Certhia leucophæa* et *leucoptera* (*?*), Latham.
C. picumnus, Illiger.
HAB. N. S. Wales; S. Australia.
A. B. Specimens from Port Philip. Mr. Benson (1846).

Subfam. SITTINÆ.

Genus TICHODROMA, Illiger.

1137. T. MURARIA (*Pl. Enl.* 372.)
SYN. *Certhia muraria*, L.
T. phœnicoptera, Temminck.
T. europæa, Stephens.
HAB. S. Europe; W. Asia; Afghanistan; Himalaya.
A. B. Specimens from Sardinia. M. Malherbe (1848).
C. D. Do., from Kandahár. Capt. Hutton (1849).

Genus SITTA, L.

1138. S. FORMOSA, Blyth (*J. A. S.* XII, 938, 1007).
HAB. Sikim.
A. Specimen presented by Mrs. Oakes (1843).

1139. S. EUROPÆA, L. (Gould's *B. E.* pl.)
SYN. *S. asiatica*, Temminck.
S. uralensis, Lichtenstein.
HAB. N. Europe.
A. B. Specimens from Norway. Presented by the Royal University of Christiania (1845).

1140. S. CÆSIA, Michahelles (*Pl. Enl.* 623).
SYN. *S. affinis*, Blyth, *J. A. S.* XV, 288.
S. europæa of Britain, and of medial and S. Europe, auctorum.
HAB. Medial and S. Europe.
A. B. C. Specimens from England. Presented by H. E. Strickland, Esq., Mr. Kirtland, and the Cornish Institution (1847).

1141. S. CINNAMOVENTRIS, Blyth, *J. A. S.* XI, 459.
HAB. Himalaya.
A. Male. Darjiling. Mr. Webb (1845). *B.* Do. do., C. S. Bonnevie, Esq. (1847). *C.* Female. Old collection.

1142. S. CASTANEOVENTRIS, Franklin (J. and S., *Ill. Orn.*, 1st series, pl. 165).

HAB. Hill regions of India.

A. Male. *B.* Female (not good). Rajmahl. Willis Earle, Esq. (1844).

1143. S. HIMALAYANA, Jardine and Selby (*Ill. Orn.* 1st series, pl. 164).

SYN. *S. nipalensis*, Hodgson, *J. A. S.* V, 779.

A. Specimen from Darjiling. Mr. Webb (1845).

Subgenus DENDROPHILA, Swainson.

1144. D. FRONTALIS (Swainson's *Zool. Ill.*, 1st series, pl. 2).

SYN. *Sitta frontalis*, Horsfield.

S. velata, Temminck.

S. corallina, Hodgson, *J. A. S.* V, 779.

HAB. India, Burmah, and Malay countries.

With black sincipital streak. *A.* Specimen from Arakan. Capt. Barry (1849). *B.* Male. *C.* Female. From Ceylon. E. L. Layard, Esq. (1848-9).—*Without black sincipital streak (D. corallina?).* *D.* Specimen from Darjiling. Mr. Webb (1845). *E.* Do. Arakan. Capt. Barry (1849).

Genus SITTELLA, Swainson.

1145. S. CHRYSOPTERA (Gould's *B. A.* Vol. IV, pl. 101).

SYN. *Sitta chrysoptera*, Latham.

HAB. N. S. Wales.

A. B. Specimens (now injured). Presented by W. Cracroft, Esq. (1837).

Fam. GRAUCALIDÆ.

Genus GRAUCALUS, Cuvier.

1146. GR. MACEI, Lesson.

SYN. *Gr. papuensis* of India, auctorum.

Gr. nipalensis, Hodgson, *Ind. Rev.* 1837, p. 327.

Ceblepyris javensis (*?*), Horsfield, vide *J. A. S.* XV, 306.

Kepodang-sungu, Jav.

HAB. India generally; Ceylon; Arakan; Tenasserim.

A. Male. *B.* Female. Vicinity of Calcutta (1844). *C.* Young, second plumage. Old collection. *D.* Young, from Ceylon. E. L. Layard, Esq. (1849).

1147. GR. MELANOPS (Gould's *B. A.* Vol. 2, pl. 55).

SYN. *Corvus melanops*, Latham.

Gr. melanotis, Gould, *P. Z. S.*, 1837, 143.

HAB. Australia generally.

A. B. Specimens presented by the Sydney Institution (1845). *C.* Another, from Pt. Philip. Mr. Benson (1846).

1148. Gr. parvirostris, Gould, *Intr. to 'Birds of Australia.'*
Hab. V. D. Land.
A. Specimen presented by W. Cracroft, Esq. (1837).
B. Do. J. McClelland, Esq. (1849).

1149. Gr. mentalis, V. and H. (Gould's *B. A.* Vol. 2, pl. 56).
Syn. *Lanius robustus* (*?*), Latham.
Hab. N. S. Wales.
A. B. Specimens presented by the Sydney Institution (1845).

Genus Campephaga, Vieillot.

1150. C. (?) capensis?
Syn. *Tanagra capensis* (?), Sparrman, Gmelin, vide *J. A. S.* XV, 307.
Campephaga ferruginia (*?*), Vieillot.
Hab. Mauritius.
A. B. Specimens presented by Willis Earle, Esq. (1843).

1151. C. fimbriata apud Strickland (*Pl. Cl.* 247, 250).
Syn. *Ceblephyris fimbriatus*, Temminck.
Lanius silens, Tickell, *J. A. S.* II, 573.
Volvocivora melaschistos, Hodgson, *Ind. Rev.* 1837, 328.
Graucalus maculosus, McClelland, *P. Z. S.* 1839, p. 159.
Ceblepyris lugubris, Sundevall.
Blue-grey Thrush, Latham.
Hab. India generally; commoner to the N., and breeding in the Himalaya: Java?
A. B. C. Specimens from the vicinity of Calcutta (1842-6). *D. E.* Young. Darjiling. Purchased (1849).

1152. C. melanoptera, Blyth, *J. A. S.* XV, 307.
Hab. Arakan, where common.
A. B. Specimens presented by Capt. Phayre (1844-7).

153. C. Sykesi, Strickland, *Ann. Mag. N. H.* 1844, p. 36.
Syn. *Ceblepyris fimbriatus* apud Jerdon, *Catal.*
C. canus, Sykes,—the young?
Eastern Thrush, Latham.
Hab. India generally; Ceylon: nec Himalaya.
A. Adult. *B.* Semi-adult. *C. D.* Young. From the vicinity of Calcutta (1844-7).

1154. C. cærulescens.
Syn. *Ceblepyris cærulescens*, Blyth, *J. A. S.* XI, 463; XV, 308.
Hab. Luçon.
A. Specimen presented by M. M. Lieutard and Reymoneng (1842).

1155. C. NIGRA, Vieillot (Vaill. *Ois. d'Afr.*, pl. 164, 165).

SYN. *C. flava*, Vieillot, the female (or young?).
C. atra, Lesson.
C. atrata, Swainson.

HAB. S. Africa.

A. Female (or young). Presented by Lord A. Hay (1845).

Genus LALAGE, Boie.

1156. L. ORIENTALIS (*Pl. Enl.* 273, f. 3).

SYN. *Lanius orientalis*, Gmelin.
Turdus striga, Raffles.
Sylvia leucophæa, Vieillot nec Latham.
Kras, Malay; *Lenjettan*, Jav.

HAB. Malayan peninsula and Archipelago.

A. Adult. Java. Batavian Society (1845). *B*. Another. Penang. Rev. J. Barbe (1846). *C. D*. Females (or young?) Malacca. Rev. F. W. Lindstedt (1844).

1157. L. HUMERALIS (Gould's *B. A.* Vol. 2, pl. 63).

SYN. *Campephaga humeralis*, Gould.

HAB. Australia generally.

A. Adult. Sydney Institution (1845).

Fam.———?

Genus PERICROCOTUS, Boie.

1158. P. SPECIOSUS (Gould's Century, pl. 7).

SYN. *Turdus speciosus*, Latham.
Muscipeta princeps, Vigors and Gould.
Nget-meng-tha, i. e. 'Prince bird,' Arakan.

HAB. Himalaya; C. India: rare in S. India, and in L. Bengal: Asam, Sylhet, Arakan, Tenasserim, Malayan peninsula (Penang).

A. Adult male. Darjiling. Mr. Webb (1845). *B*. Adult female. Vicinity of Calcutta (1844). *C*. Young male, like female, but tinged with red on forehead, throat, wings and tail. Vicinity of Calcutta (1841). *D. E*. Nestling young; and *F. G*. Young, assuming the mature dress. Darjiling. Purchased (1849).

1159. P. FLAMMEUS (Swainson's *Zool. Ill.* 2nd series, pl. 52; Jerdon's *Ill. Ind. Orn.* pl. 11).

SYN. *Muscicapa flammea*, Forster, Pennant's *Ind. Zool.*
M. subflava, Vieillot.
Phœnicornis elegans, McClelland, *P. Z. S.* 1839, p. 156.
August Flycatcher, Latham (but the preceding species also referred to).
Phari Bulal Chusm, H. (Jerdon);

HAB. S. India: Ceylon. Asam? (vide *J. A. S.* XV, 309).

BRANCH OF THE ASIATIC

1160. P. BREVIROSTRIS (Gould's 'Century,' pl. 8).
SYN. *Muscipeta brevirostris*, Vigors and Gould.
Phœnicornis miniatus apud Swainson, *Class. Birds.*
HAB. Himalaya; Assam: Sylhet; Arakan: rare in C. and S. India.
A. Male. *B.* Female. Capt. Hutton (1849). *C.* Another male. Darjiling (1849).

1161. P. IGNEUS, Blyth, *J. A. S.* XV, 309.
SYN. Malayan *P. flammeus*, Auctorum.
Uwis, or *Semuttan*, Java.
HAB. Malay countries.
A. Specimen from Malacca. Presented by C. Huffnagle, Esq. (1849).

1162. P. SOLARIS, Blyth, *J. A. S.* XV, 310.
HAB. Sikim.
A. B. Males. Mr. Webb (1845). *B.* Female. Society's old collection. *D.* Male. *E.* Female. *F.* Young. Darjiling. Purchased (1849).

1163. P. ROSEUS.
SYN. *Muscicapa rosea*, Vieillot.
Phœnicornis affinis, McClelland, *P. Z. S.* 1839, p. 157.
Nget-meng-tha-mee (*i. e.* 'Princess-bird'), Arakan.
HAB. India generally; Arakan.
A. B. C. D. E. F. Specimens in various states of plumage, from the vicinity of Calcutta (1842-6).

1164. P. PEREGRINUS (Gould's 'Century,' pl. 9).
SYN. *Parus peregrinus* et *Motacilla cinnamomea*, L.
P. coccineus et *malabaricus*, Gmelin.
Bulal Chusm, H. (Jerdon),
HAB. India generally; Ceylon; Arakan.
A. B. C. D. E. Specimens in various states of plumage (1842-6).

1165. P. (?) ERYTHROPYGIUS (Latham's *Gen. Hist.* Vol. VI, p. 178, pl. 98); Jardine's *Contrib. Orn.*, pl. 1).
SYN. *Muscicapa erythropygia*, Jerdon, *Madr. Journ.* XI, 17.
Turdus speciosus, var. β, and *Cawnpore Flycatcher*, Latham.
HAB. Hindustan (nec L. Bengal).
A. Male (beak injured). S. India. T. C. Jerdon, Esq. (1843).

Fam. AMPELIDÆ.

Genus TITYRA, Vieillot.

1166. T. CAYANA (*Pl. Enl.* 304, 377).
SYN. *Lanius cayanus*, L.
T. cayanensis, Swainson.
HAB. Guiana.
A. Specimen received from Mr. Bartlett (1846).

Genus QUERULA, Vieillot.

1167. QU. RUBRICOLLIS (*Pl. Col.* 381).
SYN. *Muscicapa rubricollis*, Gmelin.
HAB. Guiana.
A. Specimen received from Mr. Bartlett (1846).

Genus COTINGA, Brisson.

1168. C. POMPADORA (*Pl. Enl.* 279).
SYN. *Ampelis pompadora*, L.
HAB. Guiana.
A. Specimen from Mr. Bartlett (1843).

1169. C. CINCTA? (*Pl. Enl.* 188).
SYN. *Ampelis cincta* (*?*), Kuhl.
A. cotinga (*?*), L.
C. cœlestis, G. R. Gray.
HAB. Guiana.
A. Young. Mr. Bartlett (1846).

1170. C. CÆRULEA, Vieillot (*Pl. Enl.* 186).
HAB. Guiana.
A. Specimen from Mr. Bartlett (1843).

Genus PHŒNICERCUS, Swainson.

1171. PH. CARNIFEX (*Pl. Enl.* 378).
SYN. *Ampelis carnifex*, L.
HAB. Guiana, Brazil.
A. Young. Mr. Bartlett (1846).

Genus AMPELIS, L.

1172. A. GARRULA, L. (*Pl. Enl.* 261).
SYN. *Bombycilla bohemica*, Brisson.
B. poliocella, Meyer.
HAB. Northern regions.
A. Specimen presented by the Royal University of Christiania (1845).

1173. A. CAROLINENSIS, L. (Wilson's *Am. Orn.* pl. 7, f. 1).
SYN. *A. americana*, Wilson.
HAB. N. America.
A. Specimen from Mr. Bartlett (1843).

Fam.———? (Affined to PTERUTHIUS, p. 98).

Genus COCHOA, Hodgson (*Cocho*, Nepal).

1174. C. VIRIDIS, Hodgson, *J. A. S.* V, 359.
HAB. Nepal; Sikim.
A. Male? Mrs. Saxon (1844). *B*. Female? Purchased (1849). Both from Darjiling.

1175. C. PURPUREA, Hodgson; *J. A. S.* V, 359 (*J. A. S*, No. 139, pl.)
HAB. Nepal; Sikim.
A. Male. *B.* Female. Purchased (1842). *C.* Young, and *D.* Duller male. Mrs. Oakes (1843). All from Darjiling.

Fam. PIPRIDÆ.

Subfam. EURYLAIMINÆ.

Genus EURYLAIMUS, Horsfield.

Subgenus CORYDON, Lesson.

1176. C. SUMATRANUS (*Pl. Col.* 297).
SYN. *Eurylaimus sumatranus*, Raffles.
Eu. corydon, Temminck.
Eu. Temminckii, Lesson.
Eurylaimus? Hay, *J. A. S.* X, 575.
Kungquait, Malay.
HAB. Tenasserim provinces; Malayan peninsula; Sumatra.
A. Specimen from Tenasserim. Dr. Helfer (1839). *B. C.* Do. Singapore. J. Mackey, Esq. (1842).

Subgenus EURYLAIMUS.

1177. EU. JAVANICUS, Horsfield (*Pl. Col.* 130, 131; *Zool. Res. in Java*, pl.)
SYN. *Eu. Horsfieldi*, Temminck.
Tamplana Lilin, Malay.
HAB. Arakan; Tenasserim; Malayan peninsula and Archipelago.
A. B. Specimens from Arakan. Capt. Phayre (1844).
C. D. Do., from Malacca. Rev. F. W. Lindstedt (1845).

1178. EU. OCHROMALUS, Raffles (*Pl. Col.* 261).
SYN. *Eu. cucullatus*, Temminck.
Tamplana Qilin, Malay.
HAB. Tenasserim provinces: Malayan peninsula and Archipelago.
A. B. C. D. Specimens from Malacca. Rev. F. W. and Mr. E. Lindstedt (1845-7).

Subgenus CYMBIRHYNCHUS, Vigors.

1179 C. NASUTUS (*Pl. Col.* 154).
SYN. *Todus nasutus*, Latham.
T. macrorhynchus, Gmelin.
Ujuu and *Tadak Whogan*, Malay; *Palano*, or *Tampalano*, Sum.
HAB. Tenasserim provinces; Malayan peninsula and Archipelago.
A. B. Adults. *C.* Young. Malacca. Rev. F. W. Lindstedt (1845).

1180. C. AFFINIS, Blyth, *J. A. S.* XV, 312.
HAB. Arakan.
A. B. C. Specimens presented by Capt. Phayre (1844).

Subgenus PSARISOMUS, Swainson.

1181. Ps. DALHOUSIÆ (Gould's *Icones Avium*; Royle's *Ill. Him. Bot.* pl. 7).

Syn. *Eurylaimus Dalhousiæ*, Jameson.
Eu. psittacinus, Muller.
Raya sericeogula, Hodgson, *J. A. S.* VIII, 36.
Hab. Himalaya; Asam; Sylhet; Arakan.
A. B. Adults, from Arakan. Capt. Phayre (1843). *C.* Young. Darjiling. Purchased (1849).

Subgenus SERILOPHUS, Swainson.

1182. S. LUNATUS (*Trans. Zool. Soc.*, pl. 25).
Syn. *Eurylaimus lunatus*, Gould.
S. lunulatus, Swainson.
Hab. Tenasserim provinces.
A. Specimen (in bad order) Dr. Helfer (1839).

1183. S. RUBROPYGIA, *J. A. S.* XV, 311.
Syn. *Raya rubropygia*, Hodgson, *J. A. S.* VIII, 36.
Eu. lunatus apud Horsfield, *P. Z. S.* 1839, p. 156.
Hab. S. E. Himalaya; Asam; Sylhet; Arakan.
A. B. C. Specimens from Darjiling. Mrs. Saxon and C. S. Bonnevie, Esq. (1843-6).

Subfam. PIPRINÆ.

Genus CALYPTOMENA, Raffles.

1184. C. VIRIDIS, Raffles (*Pl. Col.* 316; Horsfield's *Zool. Res. in Java*, pl.).
Syn. *C. Rafflesii* et *C. caudacuta* (the young), Swainson.
Seboo, Pachat, Sampo Penang, Malay,
Hab. Malayan peninsula; Sumatra.
A. Adult. *B.* Young. Malacca. Rev. F. W. Lindstedt (1844).

Genus RUPICOLA, Brisson.

1185. R. AURANTIA, Vieillot (*Pl. Enl.* 39, 747).
Syn. *Pipra rupicola*, L.
R. cayana, Swainson.
R. elegans, Stephens.
Hab. Guiana.
A. B. Males. Mr. Bartlett (1848).

Genus PIPRA, L.

1186. P. ERYTHROCEPHALA, L. (*Pl. Enl.* 34, f. 3).
Hab. Brazil.
A. Specimen (beak and forehead injured). R. W. G. Frith, Esq. (1842).

1187. P. STRIGILLATA, Pr. Max. (*Pl. Col.* 54, figs 1, 2).
Hab. Peru.
A. Specimen received from Mr. Bartlett (1845).

1188. P. GUTTURALIS, Latham (*Pl. Enl.* 324, f. 1).
HAB. Brazil.
A. Specimen received from Mr. Bartlett (1845).

1189. P. MANACUS, L. (*Pl. Enl.* 302, f. 1, 303, f. 1).
HAB. Brazil.
A. Specimen presented by H. E. Strickland, Esq. (1847).

Fam. ——— ?

Genus PARDALOTUS, Vieillot.

1190. P. PUNCTATUS (Gould's *B. A.* Vol. 2, pl. 35).
SYN. *Pipra punctata*, Latham.
HAB. S. Australia; V. D. Land.
A. B. C. D. Specimens from Pt. Philip. Mr. Benson (1847). *E. F. G. H.* Do. V. D. Land. J. McClelland, Esq. (1849).

1191. P. STRIATUS (Gould's *B. A.* Vol. 2, pl. 38).
SYN. *Pipra striata*, Latham,
Pardalotus ornatus, Temminck.
HAB. E. W. and S. Australia.
A. B. C. Specimens from Pt. Philip. Mr. Benson (1847).

1192. P. AFFINIS, Gould (*B. A.* Vol. 2, pl. 39).
HAB. V. D. Land.
A. Specimen presented by J. McClelland, Esq. (1849).

Fam. HIRUNDINIDÆ.

Genus HIRUNDO, L.
Chatok, H.; *Mo-tswai-nghet*, or *Pyan-hlwa*, Arakan; *Layang Layang*, Malay.

1193. H. FILIFERA, Stephens.
SYN. *H. ruficeps* (*?*), Lichtenstein.
H. filicaudata, Franklin, *P. Z. S.* 1831, p. 115.
H. indica et *H. erythrocephala* (*?*), Gmelin.
HAB. C. India chiefly; rarer in S. India; Deyra Doon; Katak.
A. Male? *B.* Female? *C.* Young. From C. India. Katak. Purchased (1847).

1194. H. RUSTICA, L. (*Pl. Enl.* 543, f. 1).
SYN. *H. gutturalis*, Scopoli.
H. javanica, Sparrman.
H. panayana, Latham.
H. jewan, Sykes, *P. Z. S.* 1832, p. 83.
HAB. Europe, Asia, and Africa; visiting India during the cold season.
A. B. C. D. E. Specimens from England. Mr. Bartlett and the Cornish Institution (1843-6). *F.* Female. Algiers. M. Malherbe (1848). *G. H.* Adults, from Nepal. B. H. Hodgson, Esq. (1843). *I.* Do. Mednapur (1847). *J. K. L.* Young, from near Calcutta (1845). *M. N.* Do., Malacca. R. W. G. Frith, Esq. (1846).

1195. H. NEOXENA, Gould (*B. A.* Vol. 2, pl. 13; Griffith's Cuv., Vol. VII. pl. 96).
SYN. *H. javanica* apud Vigors and Horsfield.
HAB. Australia.
A. Specimen presented by the Sydney Institution (1845).

1196. H. DOMICOLA, Jerdon, *Madr. Journ.* XIII, 173.
SYN. *H. javanica* apud Latham and Shaw.
Bungalow Swallow of residents in the Nilgiris.
HAB. Malay countries; Nilgiris.
A. Specimen from Java. Presented by the Batavian Institution (1844). *B.* Do., from the Nilgiris. T. C. Jerdon, Esq. (1844).

1197. H. RUFULA (?), Temminck.
HAB. Africa; rare in S. Europe.
A. Specimen from the Cape. Presented by Lord A. Hay (1845).

1198. H. DAURICA, L.
SYN. *H. alpestris*, Pallas.
H. erythropygia, Sykes, *P. Z. S.* 1832, p. 83.
H. nipalensis, Hodgson, *J. A. S.* V, 780.
HAB. E. Asia: common during the winter months in India, China, and Malasia.
A. B. C. Specimens procured in the Mednapur jungles (1847).

1199. H. HYPERYTHRA, Blyth, *J. A. S.* XVIII, ; *Mon. Ind. Hirundinidæ.*
HAB. Ceylon (resident).
A. B. Specimens presented by E. L. Layard, Esq. (1848-9).

1200. H. NIGRICANS, Vieillot (Gould's *B. A.* Vol. 2, pl. 14).
SYN. *Hirundo pyrrhonotus*, Vigors and Horsfield.
Collocalia arborea, Gould.
HAB. Australia.
A. Specimen presented by the Sydney Institution (1847).

1201. H. URBICA, L. (*Pl. Enl.* 542, f. 2).
HAB. Europe; N. Asia; Africa; rare in India.
A. Specimen from the Nilgiris. T. C. Jerdon, Esq. (1844). *B. C.* Young, from England. Mr. Bartlett (1844).

1202. H. RUPESTRIS, Scopoli (Gould's *B. E.* pl. 56).
SYN. *H. montana*, Gmelin.
H. rupicola, Hodgson, *J. A. S.* V, 781.
H. inornata, Jerdon, *Madr. Journ.* XIII, 173.

HAB. S. Europe; N. Africa; W. Asia; Himalaya; Nilgiris.
A. Specimen from Nepal. B. H. Hodgson, Esq (1843).
B. Do., from the Nilgiris. T. C. Jerdon, Esq. (1844).
C. Do., from Algiers. M. Malherbe (1848).

1203. H. CONCOLOR, Sykes, *P. Z. S.* 1832, p. 83.
HAB. C. India.
A. Specimen presented by T. C. Jerdon, Esq. (1844).

1204. H. ALBIVENTER, Boddäert (*Pl. Enl.* 246, f. 2).
SYN. *H. leucoptera,* Gmelin.
HAB. Brazil.
A. Specimen presented by H. E. Strickland, Esq. (1847).

1205. H. RIPARIA, L. (*Pl. Enl.* 543, f. 2).
HAB. Northern regions; Africa; N. India (banks of Sutlej); C. India (rare).
A. Specimen (now bad). From England. Mr. Bartlett (1844).

1206. H. SINENSIS (Hardwicke's *Ill. Ind. Zool.*,—bad).
SYN. *H. brevicaudata,* McClelland, *P. Z. S.* 1839, p. 156.
HAB. River banks of all India; Burmah, and China (?).
A. B. C. D. Specimens procured along the Hughly (1846).

Fam. ARTAMIDÆ.

Genus ARTAMUS, Vieillot.

1207. A. FUSCUS, Vieillot (*Mem. Mus.* Tom. VI, fig.).
SYN. *Ocypterus rufiventer,* Valenciennes.
A. leucorhynchos, (L.) apud McClelland *P. Z. S.* 1839, p. 158, et Jerdon, *Catal.*
Murasiny Chatterer and *Brown-coloured Swallow,* var. A, Latham.
Tal-chatok (name applied also to No. 427), Beng.
HAB. India generally; Assam; Arakan.
A. B. C. Specimens from the vicinity of Calcutta (1843-6). *D.* Young. Darjiling. Purchased (1849).

1208. A. LEUCOPYGIALIS, Gould (*B. A.* Vol. 2, pl. 33).
HAB. W. Australia; V. D. Land.
A. Specimen from V. D. Land. W. Cracroft, Esq. (1837).

1209. A. SUPERCILIOSUS, Gould (*B. A.* Vol. 2, pl. 32).
HAB. S. Australia.
A. B. C. Specimens from Pt. Philip. Presented by Mr. Benson (1847).

1210. A. SORDIDUS (Gould's *B. E.* Vol. 2, pl. 27).
SYN. *Turdus sordidus* et *tenebrosus*, Latham.
Artamus lineatus, Vieillot.
Ocypterus albovittatus, Cuvier.
HAB. S. Australia; V. D. Land.
A. Specimen (now bad), presented by W. Cracroft, Esq. (1837). *B.* Another J. McClelland, Esq. (1849). Both from V. D. Land.

Fam. DICRURIDÆ.

Genus DICRURUS, Vieillot (*Chibya*, Nepal; *Chayon*, or *Chagon*, Malay).

Subgenus CHIBIA, Hodgson.

1211. CH. HOTTENTOTA.
SYN. *Corvus hottentotus*, L.
Edolius barbatus, Gray.
E. crishna, Gould, *P. Z. S.* 1836, p. 5.
Criniger splendens, Tickell, *J. A. S.* II, 514.
Chibia casia, Hodgson, *Ind. Rev.* 1837, p. 324.
Krishna Crow, Latham.
Kesh-raj, B.; *Kesya*, Nepal.
HAB. Bengal; Nepal; Assam; C. India; rare in the peninsula of India (vide *Madr. Journ.* XIII, pt. 2, 121).
A. Male. *B.* Female. *C.* Young. From the vicinity of Calcutta (1843-6).

Subgenus CHAPTIA, Hodgson.

1212. CH. ÆNEA (Vaill. *Ois. d'Afr.* 176).
SYN. *Dicrurus æneus*, Vieillot.
D. æratus, Stephens.
Ch. muscipetoides, Hodgson, *Ind. Rev.* 1837, p. 327.
Butchanga, Beng.; *Chaptya* (i. e. 'flat-billed'), Nepal.
HAB. Nepal; Bengal: Assam.
A. Male. *B.* Female. *C.* Young. Vicinity of Calcutta (1843-5).

1213. CH. MALAYENSIS, A. Hay, *J.A.S.* XV, 294.
HAB. Malayan peninsula.
A. B. Specimens from Malacca. R. W. G. Frith, Esq. (1847).

Subgenus BHRINGA, Hodgson.

1214. BH. REMIFER, (*Pl. Col.* 178).
SYN. *Edolius remifer*, Temminck.
E. rangonensis apud Horsfield, *P. Z. S.* 1839, p. 158.
Bh. tectirostris, Hodgson, *Ind. Rev.* 1837, p. 325.
Nghet-dan, Arakan.
HAB. Himalaya; Assam.
A. B. Specimens from Darjiling. Mr. Webb (1845).

Subgenus EDOLIUS, Cuvier.

1215. E. PARADISEUS.

SYN. *Cuculus paradiseus*, L.

Bherm or *Bhring raj*, H.; *Kate-ongal*, Mahr.; *Kalgia*, Nepal; *Nghet-dau*, Arakan; *Barong Saweh*, and *Chanwi*, Malayan.

HAB. India and Malasia.

Var. *A*. SYN. *Chibia malabaroides*, Hodgson, *Ind. Rev.* 1837, p. 325. *Lanius malabaricus* as figured by Latham and Shaw (but not *L. malabaricus* as described by Latham from Sonnerat).

E. grandis apud Blyth, *J. A. S.* XI, 170; *Ann. Mag. N. H.* XIV, 46.

HAB. Nepal; Tippera; Tenasserim provinces.

A. Specimen (in bad order), with crest 2½ in. long, flowing over and beyond the occiput. Tenasserim. Rev. J. Barbe (1842). *B*. Fine specimen from Tippera, with crest 2¼ in long. M Courjon (1844).

Var. *B*. SYN. *E. grandis*, Gould, *P. Z. S.* 1836, p. 5.

SYN. *E. dentirostris* and *E. orissæ* (*?*), Jerdon, *Madr. Journ.* XIII, pt. 2, p. 121.

Dicrurus platurus, Vieillot, apud G. R. Gray.

HAB. India; Bengal Sundabuns; Assam; Arakan; Tenasserim provinces.

A. B. C. Adults. *D. E.* Young. From Arakan. Capt. Phayre (1843-6). *F. G. H.* Specimens from Tenasserim. Rev. J. Barbe (1846). *I.* Do. Bengal Sundabuns (1844). *J. K.* Do. From E. Ghats (*?*), S. India. T. C. Jerdon, Esq. (1844-7).

Var. *C*. SYN. *Cuculus paradiseus*, L.

E. rangonensis, Gould, *P. Z. S.* 1836, p. 5.

E. intermedius, Lesson, apud G. R. Gray.

E. cristatellus, Blyth, *J. A. S.* XI, 171.

HAB. Malay countries.

A. B. Adults, from Malacca. E. Lindstedt, Esq. (1845). *C. D.* Young (of this or of the preceding variety), from Penang. Rev. J. Barbe (1846). *E.* Adult, with long spirally curved outer tail-feathers, described *J. A. S.* XI, 171. Society's old collection.

(*N. B.* The above races appear to run so much into each other, that they are here provisionally classed as varieties of the same species; the more northern having, in general, the longest frontal crests, and the more southern the shortest; while M. Sonnerat's figure of his *Grand Gobe-mouche de la Côte de Malabar* is represented as altogether crestless: no race or variety, however, of this bird has been since observed on the Malabar side of India).

Subgenus DICRURUS, Vieillot.

1216. D. EDOLIFORMIS, Blyth, *J. A. S.* XV, 297.

HAB. Ceylon.

A. B. Specimens presented by R. Templeton, Esq. (1847).

1217. D. VIRIDESCENS, Gould (vide *J. A. S.* XI, 173, and 802, figs. 10 and 11).

HAB. Burmah.

A. Specimen in the Society's old collection.

1218. D. BALICASSIUS (*Pl. Enl.* 603).

SYN. *Corvus balicassius*, L.
Oriolus furcatus, Gmelin.
Bhuchanga annectans, Hodgson, *Ind. Rev.* 1837, p. 326.
Dicrurus affinis, Blyth, *J. A. S.* XI, 174.
Corvus afer, Licht., and
C. assimilis, Bechstein, apud G. R. Gray.

HAB. Malay countries; Nepal.

A. B. C. D. Specimens from Malacca. Rev. F. J. Lindstedt and R. W G. Frith, Esq. (1844-7). *E.* Young. Malacca. Mr. E. Lindstedt (1847). *F.* Skin (in bad order), from Nepal, sent as *B. annectans*, Hodgson (1843).

1219. D. MACROCERCUS, Vieillot (*As. Res.* XVIII, pt. 2, pl.)

SYN. *Muscicapa biloba*, Lichtenstein.
D. indicus, Stephens, Hodgson.
Bhuchanga albirictus, Hodgson, *Ind. Rev.* 1837, p. 326.
Edolius forficatus, Horsfield, in *Lin. Tr.* XIII, 144 (apud Strickland).
E. longus, Vaill., apud Horsfield.
Finga, Beng.; *Kolsa*, or *Bojunga*, sometimes also *Kotwal*, H. (Jerdon); *Qwyai-myee-tshwai*, Arakan; *Sri Gunting*, Jav.

HAB. India generally; Arakan; Java?

A. Adult. *B.* Young (in second plumage). Vicinity of Calcutta (1842). *C.* Small variety (?) from Ceylon (wing of adult 5¼ in), Specimen presented by E. L. Layard, Esq. (1849).

1220. D. LONGICAUDATUS, A. Hay (described in *Ann. Mag. N. H.* 1844, p. 46); Jerdon, *Madr. Journ.* XIII, pt. 2, p. 121; *J. A. S.* XV, 298.

SYN. *D. macrocercus* apud Jerdon, *Catal.*
D. cineraceus apud Gray, Hodg. *Catal.*
Nil Finga, and *Dhouh*, Beng.

HAB. India generally; Ceylon.

A. B. C. D. Specimens from the vicinity of Calcutta (1843-5). *E.* Do. (rather dark), from Masúri. Capt. Hutton (1849).

1221. D. INTERMEDIUS, Blyth, *J. A. S.* XV, 298.
HAB. Tenasserim provinces; Penang.
A. Specimen from Penang. Rev. J. Barbe (1846). *B.* Injured skin from Moulmein. Capt. Berdmore (1849).

1222. D. CÆRULESCENS (Edwards, pl. 56), vide *Ann. Mag. N. H.* 1844, p. 47.
SYN. *Lanius cærulescens*, L.
L. fingah, Shaw.
Phari Bajunga, H. (Jerdon).
HAB. India generally; not common in L. Bengal.
A. B. Specimens from the vicinity of Calcutta (1843-4).

1223. D. LEUCOPYGIALIS, Blyth, *J. A. S.* XV, 298.
HAB. Ceylon.
A. B. C. Specimens presented by E. L. Layard, Esq. (1849).

1224. D. CINERACEUS.
SYN. *Edolius cineraceus*, Horsfield, *Lin. Tr.* XIII, 145.
D. leucophæus (*?*), Vieillot.
D. ceylonensis (*?*), Stephens.
Chenta, Jav.
HAB. Malay countries.
A. Specimen from Malacca, described *J. A. S.* XV, 299. Lord A. Hay (1845).

Fam. TCHITREADÆ.

Genus TCHITREA, Lesson.

1225. TCH. PARADISI (Vaill., *Ois. d'Afr.*, pl. 44, 45, 46; Jerdon's *Ill. Ind. Orn.* pl. 7).
SYN. *Muscicapa paradisi*, L.
M. indica, Stephens.
M. castanea, Temminck. } the rufous plumage.
M. mutata of India, Latham.
Muscipeta leucogaster, Swainson, *Nat. Libr., Muscicapidæ.*
Shah Bulbul, and *Hosseini Bulhul*, H.; *Kaddehoora*, Cingh.; (the white bird;) and *Sultana Bulbul*, H.; *Ginihoora*, Cingh.; (the chesnut bird;) *Tonka Peegeelee-pitta* (*i. e.* 'long-tailed Bulbul'), Telugu; *Walkordalatee*, Tamul.
HAB. India generally; Bengal; Deyra Doon.
A. B. C. D. E. F. G. H. I. J. K. L. Series of specimens in various stages of plumage. All from the vicinity of Calcutta (1842-6).

1226. TCH. AFFINIS, A. Hay, *J. A. S.* XV, 292; XVII, 1179.
SYN. Malayan *Tch. paradisi*, Auctorum.
M. castanea (*?*), Temminck.
Ahtap, and *Mira Jabone*, Malayan.

HAB. Malay countries; Tenasserim; Arakan; Sikim; Nepal?
A. Remarkable male, described *J. A. S* XVI, 1179. E. Lindstedt, Esq. (1847). *B.* White male. *C.* White female. *D.* Rufous male. *E* Rufous female. From Malacca. E. Lindstedt, Esq. (1846) *F. G.* White males. Arakan. Capt. Wall (1847). *H.* Rufous male. *I. J.* Rufous females. Tenasserim. E. O'Ryley, Esq. (1847).

1227. TCH. ATROCAUDATA (?), Eyton, vide *J. A. S* XV, 298.
SYN. *Muscipeta atriceps*, Blyth, *J. A. S.* XI, 203, 790.
HAB. Malayan peninsula.
A. B. C. D. E. Females or young from Malacca. Rev. F. W. Lindstedt and M. de Storr (1843-6).

1228. TCH. BORBONICA (*Pl. Enl.* 573, f. 1).
SYN. *Muscicapa borbonica*, Gmelin.
HAB. Mauritius; Madagascar.
A. B. Specimens from the Mauritius. Presented by Willis Earle, Esq. (1843).

Genus MYIAGRA, Swainson.

1229. M. NITIDA, Gould (*B. A.* Vol. 2, pl. 91).
SYN. *Todus rubecula*, Latham.
Muscicapa rubeculoides, Vigors and Horsfield. } the female.
M. rubecula, Blyth, *J. A. S.* XIII, 336. }
HAB. V. D. Land; S. Australia; N. S. Wales.
A. Male. *B.* Female. J McClelland, Esq. (1849). *C.* Female (bill injured). W. Cracroft, Esq. (1837). All from V. D. Land.

1230. M. PLUMBEA, Vigors and Horsfield (Gould's *B. A.* Vol. 2, pl. 89).
SYN. *Muscicapa leucogastra* (the male), and
M. rubecula, fœm. (the female), Blyth, *J. A. S.* XIII, 336.
M. rubeculoides, Vigors and Horsfield (the female).
HAB. N. S. Wales.
A. Male. *B.* Female. From the Sydney Institution (1845). *C.* Male. *D.* Female. From Pt. Philip. Mr. Benson (1846).

1231. M. CÆRULEA (Vaill. *Ois. d'Afr*, 153).
SYN. *Muscicapa cærulea*, Vieillot.
M. occipitalis, Vigors.
M. cæruleocephala, Sykes (the female).
Azure-headed Flycatcher, Latham.
Kala-mata Kutkutia, B.
HAB. India generally; Burmese and Malay countries; Philippines.
A. B. Males. *C.* Female. Vicinity of Calcutta (1843).

Genus PHILENTOMA, Eyton.

1232. PH. VELATUM (*Pl. Col.*).

Syn. *Muscicapa velata*, Temminck.
M. pectoralis, A. Hay, *Madr. Journ.* XIII, pt. 2 p. 161. Strickland, *Ann. Mag. N. H.* XIX, (1847), p. 131.
Hab. Malayan Peninsula and Archipelago.
A. Male. Malacca. R. W. G. Frith, Esq. (1847).

1233. Ph. pyrrhopteron (*Pl. Col.* 596, f. 2.).
Syn. *Muscicapa pyrrhoptera*, Temminck.
Muscipeta plumosa, Blyth, *J. A. S.* XI, 79.
Ph. castaneum, Eyton, *Ann. M. N. H.* XVI (1845), p. 229.
Hab. Malayan Peninsula and Archipelago.
A. Male. R. W. G. Frith, Esq. (1847). *B. C.* Females. M. de Storr (1844).

Genus Seisura, Vigors and Horsfield.

1234. S. inquieta (Gould's *B. A.* Vol. 2, pl. 87).
Syn. *Turdus inquietus*, *T. dubius*, et *T. muscicola*, Latham.
S. volitans apud Vigors and Horsfield.
Hab. S. Australia.
A. Specimen from Port Philip. Mr. Benson (1847).

Genus Monarcha, Vigors and Horsfield.

1235. M. carinata (Gould's *B. A.*, Vol. 2. pl. 95).
Syn. *Muscipeta carinata*, Swainson.
Drymophila carinata, Tem.
Hab. N. S. Wales.
A. B. Specimens presented by Lord A. Hay (1845), and by the Sydney Institution (1846).

Genus Setophaga, Swainson.

1236. S. verticalis, d'Orbigny.
Hab. Bogota.
A. Specimen presented by H. E. Strickland, Esq. (1847).

1237. S. (?) rubra, Swainson.
Hab. Mexico.
A. Specimen presented by H. E. Strickland, Esq. (1847).

Genus Cryptolopha, Swainson.

1238. Cr. cinereocapilla (Swainson's *Zool. Ill.* pl. 13; *Nat. Libr.* Vol. on Flycatchers, pl. 23).
Syn. *Muscicapa cinereocapilla*, Vieillot.
Platyrhynchus ceylonensis et
Cr. poiocephala, Swainson.
Muscicapa nitida, var. A, Latham.
Hab. India generally; Asám; Arakan; Tenasserim.
A. B. Specimens from the vicinity of Calcutta (1843).

Genus Rhipidura, Vigors and Horsfield.

1239. Rh. hypoxantha, Blyth, *J. A. S.* XII, 935.
Syn. *Chelidorhynx chrysoschistos*, Hodgson, *P. Z. S.* 1845, p. 32.

Hab. Nepal; Sikim.
A. B. Specimens from Darjiling. Purchased (1849).

1240. Rh. albiscapa, Gould (*B. A.* Vol. 2, pl. 83).
Syn. *Rh. flabellifera* apud Vigors and Horsfield.
Hab. V. D. Land.
A. Specimen from the Sydney Institution (1846).

Genus Leucocerca, Swainson.

1241. L. fuscoventris, Franklin, *P. Z. S.* 1831, p. 117.
Syn. *Muscicapa sannio*, Sundevall.
M. (*Muscylva*) *albogularis* (*?*), Lesson, the young?
Broad-tailed Flycatcher, Latham.
Chok Doyal, Beng.
Hab. L. Bengal; C. India.
A. B. Adults. *C.* Young. Vicinity of Calcutta (1844).

1242. L. albofrontata (Jerdon's *Ill. Ind. Orn.* pl. 2).
Rhipidura albofrontata, Franklin, *P. Z. S.* 1831, p. 117.
Hab. India generally (nec alluvium of L. Bengal).
Dahari Pitta, Telugu; *Manatee*, Malayalum (Jerdon).
A. B. Adults. From Agra. L. C. Stewart, Esq. (1845). *C.* Young. Rajmahl. W. Earle, Esq. (1843). *D.* Adult, in abraded plumage. S. India. T. C. Jerdon, Esq. (1843).

1243. L. pectoralis, Jerdon, *J. A. S.* XII, 935; Jerdon's *Ill. Ind. Orn.*, Art. *Rh. albofrontata*).
Hab. Nilgiris.
A. Specimen presented by T. C. Jerdon, Esq. (1843).

1244. L. javanica.
Syn. *Muscicapa javanica*, Sparrman.
Platyrhynchus perspicillatus, Vieillot.
Murai-Kandang, Sum.; *Sikattan*, Jav.
Hab. Malay countries.
A. B. Adults. *C.* Young. Malacca. Rev. F. W. Lindstedt (1843).

Fam. PYCNONOTIDÆ.

Genus Hypsipetes, Vigors.
(*Bulbul*, H.: *Bóót Bóót*, Arakan).

1245. H. olivacea, Jardine and Selby, *Ill. Orn.* 2nd series (figured erroneously as *H. ganeesa*, Sykes, in 1st series, pl. 168).
Syn. *Ixocincla olivacea*, Bl., described *J. A. S.* XIV, 575.
Hab. Mauritius.
A. Specimen presented by Willis Earle, Esq. (1843).

1246. H. psaroides, Vigors (Gould's 'Century,' pl. 10).
Bán Bukra ('Jungle Goat,' from voice), Masuri (Hutton).
Hab. Himalaya; Asám; Arakan.
A. B. Specimens from Darjiling. Mr. Webb (1845).

1247. H. NILGIRIENSIS, Jerdon, *Madr. Journ.* X, 245.
HAB. Nilgiris; Ceylon.
A. B. Specimens from the Nilgiris. T. C. Jerdon, Esq. (1843-7) *C. D.* Do., from Ceylon (paler, and more like No. 1245). R. Templeton, Esq. (1847).

1248. H. CONCOLOR, Blyth, *J. A. S.* XVIII,
HAB. Tenasserim provinces.
A. Imperfect skin, from Moulmein. Capt. Berdmore (1849).
(*N. B.* This and the two preceding races are barely separable as species).

1249. H. MCCLELLANDII, Horsfield, *P. Z. S.* 1839, p. 159.
HAB. Himalaya; Asám; Arakan.
A. B. Specimens from Darjiling. Mr. Webb (1845).

1250. H. MALACCENSIS, Blyth, *J. A. S.* XIV, 574.
Chtap, Malay.
HAB. Malayan peninsula.
A. B. Specimens from Malacca. Rev. F. W. Lindstedt (1844).

1251. H. VIRESCENS, Blyth, *J. A. S.* XV, 51.
SYN. *Ixocincla virescens*, Blyth, *J. A. S.* XIV, 579.
HAB. Nicobars.
A. B. Specimens presented by the Rev. J. Barbe (1846).

Genus IOLE, Blyth.

1252. I. OLIVACEA, Blyth, *J. A. S.* XIII, 386; XIV, 573.
HAB. Malay countries.
A. Specimen from Java. Batavian Society (1845). *B.* Do. Malacca. M. de Storr (1843).

1253. I. VIRESCENS, Blyth, *J. A. S.* XIV, 573.
HAB. Arakan.
A. B. Specimens presented by Capt. Phayre (1844-6).

Genus HEMIXOS, Hodgson.

1254. H. FLAVALA, Hodgson, *J. A. S.* XIV, 572.
HAB. Himalaya; Asám; Arakan; Tenasserim.
A. B. Specimens from Darjiling. Mr. Webb (1845). *C.* Young, from do. Purchased (1849).

1255. H. ICTERICA.
SYN. *Criniger? ictericus*, Strickland, *Ann. Mag. N. H.* 1844, p. 411.
Turdus indicus (*?*), Gmelin, apud Jerdon.

HAB. S. India; Ceylon.
A. Specimen from S. India. T. C. Jerdon, Esq. (1843).
B. Do., from Ceylon. E. L. Layard, Esq. (1849).

Genus CRINIGER, Temminck.

1256. CR. STRIATUS.
SYN. *Trichophorus striatus*, Blyth, *J. A. S.* XI, 184.
Alcurus striatus, Hodgson, *J. A. S.* XII, 985.
HAB. Himalaya.
A. B. C. Specimens from Darjiling. Mrs. Saxon (1844), and Mr. Webb (1845).

1257. CR. FLAVEOLUS.
SYN. *Trichophorus flaveolus*, Gould, *P. Z. S.* 1836, p. 6.
HAB. Himalaya; Arakan.
A. B. C. Specimens from Darjiling. Presented by Mr. Webb (1845), and S. Smith, Esq. (1846.)

1258. CR. GULARIS.
SYN. *Turdus gularis*, Horsfield, *Lin. Tr.* XIII, 150.
Ixos phaiocephalus, Hartlaub.
Trichophorus caniceps, Lafresnaye.
Pycnonotus rufocaudatus, Eyton, *Ann. Mag. N. H.* 1845, p. 228.
Marba-rimba, Malay; *Bres*, Jav.
HAB. Malay countries.
A. Specimen from Singapore. M. de Storr (1844). *B.* Another (female?) from Penang. Rev. J. Barbe (1846.)

1259. CR. OCHROCEPHALUS.
SYN. *Turdus ochrocephalus*, Gmelin.
Trichophorus crispiceps, Blyth, *J. A. S.* XI, 204.
Barou Barou (same as No. 883), Malay; *Chuchakrawa*, Jav.
HAB. Malay countries.
A. B. Adults. *C.* Young. From Malacca. Mr. Lindstedt (1846.)

Genus PYCNONOTUS, Kuhl.

1260. P. JOCOSUS.
SYN. *Lanius jocosus*, L.
L. emeria, Shaw.
Gracula cristata, Scopoli.
Sitta chinensis, Osbeck, apud G. R. Gray.
Karra Bulbul, Sepahi Bulbul, Beng.
HAB. India generally; Arakan: variety (?) in the Tenasserim provinces and Penang.
A. Adult. *B.* Young. From the vicinity of Calcutta (1843).—— Malayan and Burmese variety? (with much shorter sub-ocular tuft of a deeper crimson colour.) *C.* specimen from Amherst. E. O'Ryley, Esq. (1846). *D.* Do. Penang. Rev. J. Barbe (1845.)

1261. P. BENGALENSIS, Blyth, *J. A. S.* XIV, 567.
SYN. *P. cafer* of India, Auctorum.
Kala Bulbul, Beng.
HAB. Sub-Himalayan region; Asám; Bengal; Mednapur district.
A. B. Adults. *C.* Young, from the vicinity of Calcutta (1843). *D. E.* Similar specimens from Darjiling. Purchased (1849). *F. G.* Do. (less nigrescent), from Deyra Doon. Capt. Thos. Hutton (1849).

1262. P. HÆMORRHOUS.
SYN. *Turdus hæmorrhous*, Gmelin.
Hæmatornis pusillus et *pseudocafer*, Blyth, *J. A. S.* X, 841.
H. cafer apud Jerdon, *Catal.*
HAB. Hindustan generally; S. India; Ceylon; Arakan.
Touki Bulbul, Beng.
A. B. Specimens from Agra. L. C. Stewart, Esq. (1845). *C. D.* Do., from Gúmsúr. Capt. McPherson (1843). *E. F.* Do., from Ceylon. E. L. Layard, Esq. (1848). *G. H.* Do., from Arakan. Capt. Phayre (1844).

1263. P. NIGROPILEUS, Blyth, *J. A. S.* XVI, 472.
HAB. Tenasserim provinces.
A. Specimen from Amherst. E. O'Ryley, Esq. (1847).

1264. P. OBSCURUS.
SYN. *Turdus obscurus*, Tem., *Man. d'Orn.* II, 608.
Hæmatornis lugubris, Lesson.
HAB. N. Africa.
A. Specimen from Algiers. M. Malherbe (1848).

1265. P. LEUCOTIS.
SYN. *Ixos leucotis*, Gould, *P. Z. S.* 1836, p. 6.
Bhooroo, Sindh.
HAB. Sindh.
A. Specimen from Buhawulpore, sent by Sir A. Burnes (1839). *B. C.* Do. Sindh. Capt. Boys (1846).

1266. P. LEUCOGENYS (Hardw. *Ill. Ind. Zool.*)
SYN. *Brachypus leucogenys*, Gray.
Ixos plumigerus, Lafresnaye.
Hæmatornis cristatus, Burn.
HAB. Himalaya; Kashmir.
A. B. Specimens from the N. W. Himalaya. Major Birch (1844).

1267. P. XANTHOLAIMUS Jerdon (*Ill. Ind. Orn.* pl. 35), *J. A. S.* XIV, 568.
HAB. E. Ghats of peninsular India.
A. B. Specimens presented by T. C. Jerdon, Esq. (1848).

1268. P. GOIAVIER (Sonn. *Voy.* t. 28.)
SYN. *Muscicapa goiavier*, Scopoli.
M. psidii, Gmelin.
Turdus analis, Horsfield.
Beribba, Malay; *Chuchack*, Jav.
HAB. Malay countries.
A. B. Adults. *C.* Young. M. de Storr (1844); and Mr. E. Lindstedt (1847). Malacca and Singapore.

1269. P. FLAVESCENS, Blyth, *J. A. S.* XIV, 568.
HAB. Arakan.
A. B. Specimens from Arakan. Capt. Phayre (1843).

1270. P. FLAVIRICTUS, Strickland, *Ann. Mag. N. H.* 1844, p. 413.
SYN. *Trichophorus virescens*, Tem., apud Jerdon, *Catal.*
Ixos virescens, Tem., apud Tickell, *J. A. S.* II, 573.
Criniger Tickelli, Blyth, *J. A. S.* XIV, 571.
HAB. Peninsula of India; Ceylon; Mednapur jungles, and W. border of the Gangetic delta.
A. B. C. Specimens procured in Mednapur jungles (1847.) *D.* Another, from Ceylon. E. L. Layard, Esq. (1848.)

1271. P. PLUMOSUS, Blyth, *J. A. S.* XIV, 567.
HAB. Malayan peninsula.
A. B. Specimens from Singapore and Malacca. Rev. T. Boaz (1844); and R. W. G. Frith, Esq. (1847).

1272. P. BRUNNEUS, Blyth, *J. A. S.* XIV, 568.
Merlia, Malay.
HAB. Malayan peninsula.
A. B. Specimens from Malacca. Rev. F. W. Lindstedt (1844.)

1273. P. FINLAYSONI, Strickland, *Ann. Mag. N. H.* 1844, p. 411.
HAB. Burmese countries. Common in Arakan, Tenasserim, &c.
A. B. Specimens from Arakan. Capt. J. R. Abbott (1844).

1274. P. SINENSIS (Eydoux and Gervais, *Voy. de la Favorite*, pl. 14).
SYN. *Muscicapa sinensis*, Gmelin.
Turdus occipitalis, Temminck.
HAB. China; Philippines.
A. B. Specimens from Chusan. Presented by J. McClelland, Esq. (1844).

1275. P. MELANOCEPHALUS (Hardw. *Ill. Ind. Zool*).
SYN. *Brachypus melanocephalus*, Gray.
Br. plumifer (*?*), Gould, *P. Z. S.* 1837, p. 137.
Vanga flaviventris, Tickell, *J. A. S.* II, 573.
HAB. Himalaya; C. India; Asám, Sylhet, Tippera, Arakan, Tenasserim provinces.
A. B. Specimens from Arakan. Capt. Phayre (1843).

1276. P. ATRICAPILLUS (Levaillant, *Ois. d'Afr.*, pl. 140; much too dully coloured).

SYN. *Ægithina atricapilla*, Vieillot—nec *P. atricapillus*, (Vieillot), apud Lord A. Hay, described *J. A. S.* XIV, 569.

Rubigula aberrans, Blyth, *J. A. S.* XV, 287; XVI, 472.

HAB. Ceylon.

A. B. Specimens presented by R. Templeton, Esq. (1847) and E. L. Layard, Esq. (1849).

1277. P. GULARIS (Jerdon's *Ill. Ind. Orn.*, pl. 37).

SYN. *Brachypus gularis*, Gould, *P. Z. S.* 1835, p. 186.

Br. rubineus, Jerdon, *Madr. Journ.* X, 246.

HAB. S. India.

A. Specimen presented by T. C. Jerdon, Esq. (1845).

1278. P. (?) CYANIVENTRIS, Blyth, *J. A. S.* XI, 792.

SYN. *Ixodia* (afterwards changed to *Ixidia*) *cyaniventris*, Blyth, *J. A. S.* XIV, 578.

Malacopteron aureum, Eyton, *Ann. Mag. N. H.* 1845, p. 228.

Turdus, No. 6, Raffles, *Lin. Tr.* XIII, 311.

HAB. Malayan peninsula; Sumatra.

A. B. Specimens from Singapore. J. Mackey, Esq. (1842), and Rev. F. W. Lindstedt (1846).

Genus MICROTARSUS, Eyton (*Macrocelis ?* Swainson).

1279. M. MELANOLEUCOS, Eyton, *P. Z. S.* 1839, p. 102.

SYN. *Brachypodius tristis*, Blyth, *J. A. S.* XIV, 576,—the young.

Labam, and *Mirba Tando*, Malay.

HAB. Malayan peninsula.

A. B. Specimens from Malacca. Rev. F. W. Lindstedt (1844).

Genus BRACHYPODIUS, Blyth.

1280. BR. MELANOCEPHALUS (*Pl. Col.* 147).

SYN. *Lanius melanocephalus*, Gmelin.

Turdoides atriceps, Temminck.

Ixos metallicus (*?*), Eyton, *Ann. Mag. N. H.* 1845, p. 228.

Bok-wa, Arakan: *Milin*, Malay.

HAB. Burmese and Malay countries; Arakan; Tipperah.

A. B. Adults, from Arakan. Capt. Phayre (1844). *C.* Do. Penang. Rev. J. Barbe (1846). *D.* Do., from Java. Batavian Society (1845). *E.* Young. Malacca. Mr. E. Lindstedt (1847).

1281. BR. CINEREOVENTRIS, Blyth, *J. A. S.* XIV, 576.

HAB. Tippera.

A. Specimen presented by M. Courjon (1844).

1282. Br. poiocephalus, Jerdon (*Ill. Ind. Orn.* pl. 31); *Madr. Journ.* X, 246.

Hab. S. India.

A. B. Specimens (injured), presented by T. C. Jerdon, Esq. (1843-8).

Genus Setornis (?), Lesson.

1283. S. (?) criniger.

Syn. *Brachypus (?) criniger*, A. Hay, *J. A. S.* XIV, 577.

Hab. Malayan peninsula.

A. Specimen from Malacca. R. W. G. Frith, Esq. (1847).

Subfam. PHYLLORNINÆ.

Genus Phyllornis, Boie (*Hariwa*, Beng.)

1284. Ph. Hardwickii (Ad. Delessert, *Voy. dans l'Inde*, pt. 2, pl. 7).

Syn. *Chloropsis Hardwickii*, Jardine and Selby, *Monag.*
Chl. curvirostris, Swainson, 2¼ *Centen.*
Chl. cyanopterus, Hodgson.
Chl. chrysogaster, McClelland, *P. Z. S.* 1839, p. 167.
Chl. auriventris, Guérin.
Boing-dan-thay, Arakan.

Hab. Himalaya; Asám; Sylhet; Arakan.

A. Adult male. *B. C.* Younger males. *D.* Female. From Darjiling, Mr. Webb (1845), and Arakan, Capt. Phayre (1841). *E.* Young. Darjiling. Purchased (1849).

1285. Ph. aurifrons (Jardine and Selby, *Orn. Ill.* pl. 5).

Syn. *Chloropsis aurifrons*, Jardine and Selby, *Monog.*
Chl. malabaricus, ibid. (*tab. cit.*)
Subz Hariwa, Nepal; *Nget-tsin*, Arakan.

Hab. N. India; Himalaya; Asám; Sylhet; Arakan.

A. B. C. Males. Mednapur district (1847). *D.* Female. Deyra Doon. Capt. Hutton (1849).

1286. Ph. malabaricus.

Syn. *Turdus malabaricus*, Gmelin, No. 125.
Chloropsis aurifrons apud Jerdon, *Catal.*

Hab. Indian peninsula; Ceylon?

A. Male. C. India. C. Fraser, Esq. (1843). *B.* Young (?), Ceylon. R. Templeton, Esq. (1847).

1287. Ph. Jerdoni, Blyth, *J. A. S.* XIV, 566 (Jerdon's *Ill. Ind. Orn.* pl. 43).

Syn. *Chloropsis gamsorhynchus* (mispelt *cæsmarhynchos*, v. *casmarhynchus* apud Gray, Griffith's *Transl. An. Kingd.* VI, 391), apud Tickell, *J. A. S.* II, 577.

Chl. cochinchinensis apud Jerdon, *Catal.*
Blue-chinned Thrush, Latham.
A. B. C. Adult, semi-adult, and young. From the Mednapur district (1847).

1288. Ph. COCHINCHINENSIS (*Pl. Cl.* 414, f. 2, apud Strickland).
Syn. *Turdus cochinchinensis*, Lath., Gm., the adult; and *T. malabaricus* apud Latham—the young.
Chloropsis malabaricus apud Eyton, *P. Z. S.* 1839, p. 102; and Blyth, *J. A. S.* XII, 957 (nec fœm).
Philemon nigricollis (?), Vieillot.
Meliphaga javensis, Horsfield.
Phyllornis moluccensis, Gray.
Nget-tsin (same as No. 1283), Arakan; *Chuchackiju*, Jav.
Hab. Burmese and Malay countries generally; Arakan.
A. Adult. *B.* Young. Arakan. Capt. Phayre (1843). *C.* Adult. *D. E.* Young. Malacca. Rev. F. W. Lindstedt (1844).

1289. Ph. SONNERATII (Jardine and Selby, *Orn. Ill.* pl. 100).
Syn. *Chloropsis Sonneratii*, Jardine and Selby.
Phyllornis Mulleri, Temminck.
Chl. gampsorhynchus, Jardine and Selby. } young.
Chl. zosterops, Vigors. }
Turdus viridis, Horsfield. }
Daon, or *Dawoan*, Malay.
Hab. Malay countries generally.
A. Male. *B.* Female. *C.* Young. Malacca. Rev. F. W. Lindstedt (1844-7).

1290. Ph. CYANOPOGON, Temminck, (*Pl. Col.* 512, f. 1).
Syn. *Chloropsis mysticalis*, Swainson, 2¼ *Centen.*; the young; described as that of No. 1286 (which was referred erroneously to *Ph. malabaricus*), *J. A. S.* XII, 957.
Hab. Malay countries generally.
A. B. Adults. *C.* Young. Malacca. Rev. F. W. Lindstedt (1844), and Mr. E. Lindstedt (1847).

Genus IORA, Horsfield.

1291. I. INNOTATA, Blyth, *J. A. S.* XVI, 472.
Hab. Arakan.
A. Female (in bad order). Capt. Phayre (1847).

1292. I. ZEYLANICA (Brown's *Ill.*; pl. 15, 32; Lev. *Ois. d'Afr.*, pl. 141).
Syn. *Motacilla zeylanica, cingalensis*, et *melanictera*, Gmelin.
Fringilla multicolor, Latham.
Iora melaceps, Swainson.
Show Bhugah, or *Show Bheegee*, II. (Jerdon).

Hab. S. India; Ceylon; Deyra Doon (?)

A. B. C. Specimens from Ceylon. E. L. Layard, Esq. (1848). *D.* Male (interscapularies wholly black externally.) *E.* Another (back injured.) *F. G.* Younger males. *H. I.* Females. S. India. T. C. Jerdon, Esq. (1843-4).

1293. I. typhia (Edwards, pl. 79).

Syn. *Motacilla typhia*, L.

Ficedula bengalensis, Brisson.

Fatikja, and *Toufik*, Beng.

Hab. Bengal; Nepal; Asam; Arakan; Tenasserim provinces; Malayan peninsula.

A. B. Ordinary male and female, from the vicinity of Calcutta (1843). *C.* Male, *D. E.* Females. Malacca (1844-5). *F.* Male. Tippera. M. Courjon (1844). *G. H. I.* Males, approximating the plumage of *I. zeylanica*. Vicinity of Calcutta (1844-7).

(*N. B.* The exceedingly common *I. typhia* of Bengal very rarely exhibits any black about the cap and back at any season of the year; and those of the whole eastern side of the Bay of Bengal appear to be similar: but occasionally specimens are met with, which have assumed less or more of this colouring, and which are perhaps hybrids, like those between *Coracias indica* and *C. affinis*, *Treron phœnicoptera* and *Tr. Jerdoni*, and a few other analogously affined races).

1294. I. scapularis, Horsfield (*Zool. Res. in Java*, pl. ,—the female), *J. A. S.* XIII, 381.

Durong Capas, Malay; *Cheetoo*, Jav.

Hab. Malay countries.

A. B. Males. *C.* Female. Malacca. Rev. F. W. and Mr. E. Lindstedt (1844-7).

Genus Irena, Horsfield.

1295. I. puella (Horsfield's *Zool. Res. in Java*, pl.).

Syn. *Coracias puella*, Latham.

Nget-pya-zak, Arakan; *Quayang*, and *Biang Kapoor*, Malay; *Bressi*, Jav.

Hab. C. and S. India; Asám; Burmah; Malay countries.

Malayan race (with lower tail-coverts reaching nearly to end of tail). *A. B.* Males (or adults?) *C.* Female (or young?) Malacca. Rev. F. W. Lindstedt and R. W. G. Frith, Esq. (1844-7). *Indian and Burmese race* (with constantly much shorter lower tail-coverts,—*I. indica*, A. Hay, *J. A. S. D.* Male? *E.* Young (acquiring the adult? or adult male? plumage.) *F.* Female (or young?). From Arakan. Capt. J. R. Abbott (1844). *G.* Male (or adult?). *H. I.* Females (or young?). S. India. T. C. Jerdon, Esq. (1843-4).

Fam. MELIPHAGIDÆ.

Subfam. ORIOLINÆ.

Genus ORIOLUS, L. (*Huldikaka*, Beng.)

1296. O. TRAILLII (Gould's 'Century,' pl. 35; J. and S., *Orn. Ind.*, *2nd* series, pl. 26).

SYN. *Pastor Traillii*, Vigors.

HAB. Himalaya; Asám; Burmah (Arakan, Tenasserim).

A. B. C. D. E. F. Specimens in various stages of plumage, from Darjiling, Mr. Webb (1845), and Arakan, Capt. Phayre (1843-4).

1297. O. MELANOCEPHALUS, L.

SYN. *O. maderaspatanus*, Franklin.
O. McCoshii, Tickell, *J. A. S.* II, 577. } the young.
O. Hodgsonii (*?*), Swainson.
Bania-bhou, Beng.; *Nghet-wa*, Arakan.

HAB. Bengal; Kutak; C. India; Nepal; Asam; Arakan; Tenasserim;—distinct race in Ceylon, and Malabar (?).

A. Adult male. *B.* Adult female (quite similar to male, except in being not quite so bright on the back). *C. D. E. F. G. H.* Young in various stages of plumage. All from the vicinity of Calcutta (1843-7).—*Ceylon* (*and Malabar ?*) *race* (having constantly the tertiaries much less tipped). *I. J.* Specimens presented by E. L. Layard, Esq. (1848).

1298. O. LARVATUS, Lichtenstein (Lev., *Ois. d'Afr*, pl. 261, 262).

SYN. *O. radiatus* (*?*), Gmelin.
O. condonguar, Temminck.
O. capensis, Swainson.
O. monachus (Gm.), apud Wagler.
O. chloris, Cuvier.

HAB. S. Africa.

A. Specimen presented by Lord A. Hay (1845).

1299. O. XANTHONOTUS, Horsfield (*Zool. Res. in Java*, pl. ; *Pl. Col.* 214).

SYN. *O. leucogaster*, Reinwardt.
O. castanopterus, Blyth, *J. A. S.* XI, 795 (the young).
Sepong Rayate, Malay.

HAB. Malay countries.

A. B. Adults. *C. D.* Young. From Malacca. J. Mackey, Esq., and the Rev. F. W. Lindstedt (1842-5).

1300. O. CHINENSIS, L.

SYN. *O. cochinchinensis*, Brisson.
O. acrorhynchos, Vigors, *P. Z. S.* 1831, p. 97.

HAB. China.

A. Specimen from the dispersed Macao Museum.

1301. O. MACROURUS, Blyth, *J. A. S.* XV, 46.
HAB. Nicobar Islands.
A. B. C. D. E. Specimens presented by Capt. Lewis and the Rev. J. Barbe (1846).

1302. O. INDICUS, Brisson (Jerdon's *Ill. Ind. Orn.*, pl. 15).
SYN. *O. chinensis* et *cochinchinensis* of India, Auctorum.
O. coronatus (?). Swainson, vel *hippocrepis* (?), Wagler.
Le Loriot des Indes, Buffon.
HAB. Peninsular India; rare in Bengal; common in Burmese and Malay countries; also China.
A. B. C. D. E. Specimens from Arakan. Capt. Phayre and Capt. J. R. Abbott (1843-5). *C. D.* Do. (cage birds, with injured tails), taken near Calcutta (1844-7). *E.* Young. Macao. Purchased (1843).

1303. O. TENUIROSTRIS, Blyth, *J. A. S.* XV, 48.
HAB.———?
A. Specimen described, *loc. cit.*

1304. O. KUNDOO, Sykes (the young).
SYN. *O. galbula* apud Franklin and Sykes (the adult).
O. aureus, Jerdon's *Catal.*
O. galbuloides, Gould.
Peebeck, H. (Jerdon).
HAB. Hindustan generally; nec L. Bengal.
A. B. C. D. E. F. G. Specimens in various stages of plumage; from Upper and S. India. T. C. Jerdon, Esq., L. C. Stewart, Esq., and Capt. Hutton (1842-9).

1305. O. GALBULA, L. (*Pl. Enl.* 26).
SYN. *Coracias oriolus*, Scopoli.
HAB. Europe; W. Asia; N. Africa.
A. B. C. D. Specimens from Europe. Mr. Bartlett and M. M. Lieutard and Reymoneng (1842-4).

1306. O. VIRIDIS (Gould's *B. A.* Vol. IV, pl. 13).
SYN. *Gracula viridis* and *Coracias sagittata*, Latham.
O. variegatus, Vieillot.
Mimeta viridis, King.
M. meruloides, Vigors and Horsfield.
HAB. N. S. Wales.
A. B. C. Specimens from N. S. Wales, presented by the Sydney Institution (1845), and Mr. Benson (1846).

Genus SPHECOTHERES, Vieillot.

1307. SPH. VIRIDIS, Vieillot (Gould's *B. A.* Vol. IV, pl. 15).
SYN. *Sph. virescens*, Jardine and Selby.

Sph. australis et *canicollis*, Swainson.
Turdus maxillaris (*?*), Latham.
HAB. Australia.
A. B. Adults, from the Sydney Institution (1845).

Subfam. MELIPHAGINÆ.

Genus ENTOMYZA, Swainson.

1308. E. CYANOTIS (Gould's *B. A.* Vol. IV, pl. 68).
SYN. *Gracula cyanotis*, *Turdus cyaneus*, et *Merops cyanops*, Latham.
HAB. N. S. Wales.
A. B. Specimens from the Sydney Institution (1845).

Genus TROPIDORHYNCHUS, Vigors and Horsfield.

1309. TR. CORNICULATUS (Gould's *B. A.* Vol. IV, pl. 58).
SYN. *Merops corniculatus* et *M. monachus*, Latham.
HAB. N. S. Wales.

Genus ANTHOCHÆRA, Vigors and Horsfield.

1310. A. INAURIS, Gould (*B. A.* Vol. IV, pl. 54).
SYN. *A. carunculata* apud Vigors and Horsfield.
Creadion carunculatus apud Vieillot.
HAB. V. D. Land.
A. Specimen presented by J. McClelland, Esq. (1849).

1311. A. CARUNCULATA (Gould's *B. A.* Vol. IV, pl. 55).
SYN. *Merops carunculatus* et *Corvus paradoxus*, Latham.
A. Lewinii, Vigors and Horsfield.
HAB. E, S., and W. Australia.
A. B. Specimens from the Sydney Institution (1845).

1312. A. MELLIVORA (Gould's *B. A.* Vol. IV, pl. 56).
SYN. *Certhia mellivora* et *Merops chrysopterus*, Latham.
HAB. N. S. Wales; S. Australia; V. D. Land.
A. B. Two specimens, from Port Philip. Mr. Benson (1846).

Genus ACANTHOGENYS, Gould.

1313. A. RUFOGULARIS, Gould (*B. A.* Vol. IV, pl. 53).
HAB. N. S. Wales; S. Australia.
A. Specimen from Port Philip. Mr. Benson (1846).

Genus MELIPHAGA, Lewin.

1314. M. NOVÆ HOLLANDIÆ (*B. A.* Vol. IV, pl. 23).
SYN. *Certhia novæ hollandiæ*, Latham.
M. balgonera, Stephens.
M. barbata, Swainson.

HAB. V. D. Land; N. S. Wales; S. Australia.
A. B. Specimens presented by the Sydney Institution (1845). *C. D.* Do. V. D. Land. J. McClelland, Esq. (1846).

1315. M. SERICEA, Gould (*B. A.*, Vol. IV, pl. 25).
SYN. *M. seriecola*, Gould (female).
HAB. N. S. Wales; V. D. Land.
A. B. Specimens presented by Mr. Cracroft (1837). *D.* Do. V. D. Land. C. Huffnagle, Esq. (1846).

1316. M. AUSTRALASIANA (Gould's *B. A.* Vol. IV, pl. 27).
SYN. *M. inornata*, Gould (female, or young?).
HAB. V. D. Land.
A. B. Specimens from Port Philip. Mr. Benson (1846). *C.* Male (or adult?) *D.* Female (or young?). V. D. Land. J. McClelland, Esq. (1849).

Genus ZANTHOMYZA, Swainson.

1317. Z. PHRYGIA (Gould's *B. A.*, Vol. IV, pl. 48).
SYN. *Merops phrygius*, Latham.
HAB. N. S. Wales; S. Australia.
A. Specimen presented by Lord A. Hay (1845). *B.* Do. Sydney Institution (1845). *C.* Young. Mr. Cracroft (1837).

Genus GLYCIPHILA, Gould.

1318. GL. FULVIFRONS (Gould's *B. A.*, Vol. IV, pl. 28).
SYN. *Meliphaga fulvifrons*, Vigors and Horsfield.
Certhia melanops (*?*), Latham.
HAB. N. S. Wales; S. Australia; V. D. Land; Swan River.
A. Specimen from the Sydney Institution (1845).

Genus PTILOTIS, Swainson.

1319. PT. FLAVIGULA, Gould (*B. A.* Vol. IV, pl. 35).
HAB. V. D. Land.
A. B. Specimens presented by J. McClelland, Esq. (1849).

1320. PT. AURICOMIS (Gould's *B. A.* Vol. IV, pl. 37.
SYN. *Muscicapa auricomis*, Latham.
Certhia auriculata, Shaw.
HAB. N. S. Wales.
A. Specimen presented by Babu Rajendra Mallicka (1848).

1321. Pt. leucotis (Gould's *B. A.* Vol. IV, pl. 36).
Syn. *Turdus leucotis*, Latham.
Hab. N. S. Wales; interior of Australia.
A. B. Specimens presented by Lord A. Hay and Mr. Benson (1845-6).

1322. Pt. chrysops (Gould's *B. A.* Vol. IV, pl. 45).
Syn. *Sylvia chrysops*, Latham.
Hab. N. S. Wales; S. Australia.
A. B. Specimens presented by the Sydney Institution (1845).

1323. Pt. penicillatus, Gould (*B. A.* Vol. IV, pl. 43).
Hab. S. Australia; rare in N. S. Wales.
A. Specimen from Port Philip. Mr. Benson (1846).

1324. Pt. fuscus, Gould (*B. A.* Vol. IV, pl. 44).
Hab. N. S. Wales.
A. Specimen from Port Philip. Mr. Benson (1846).

Genus Melithreptus, Vieillot.

1325. M. validirostris, Gould (*B. A.* Vol. IV, pl. 70).
Syn. *Eidopsaris bicinctus*, Swainson.
Hab. V. D. Land.
A. B. C. Specimens presented by J. McClelland, Esq. (1849).

1326. M. lunulatus (Gould's *B. A.* Vol. IV, pl. 72).
Syn. *Certhia lunulata*, Shaw.
Meliphaga atricapilla, Temminck.
M. et *Gymnophrys torquatus*, Swainson.
Hab. N. S. Wales: S. Australia.
A. Specimen from the Sydney Institution (1845). *B.* Another, and *C. D.* Young. From Port Philip. Mr. Benson (1846).

1327. M. melanocephalus, Gould (*B. A.* Vol. IV, pl. 75).
Syn. *Hæmatops atricapilla* apud Jardine and Selby (nec *Certhia atricapilla*, Latham).
Hab. V. D. Land.
A. Specimen (bill injured). W. Cracroft, Esq. (1837). *B.* Another. Lord A. Hay (1845). *C.* Another. J. McClelland, Esq. (1849).

Genus Manorhina, Vieillot.

1328. M. melanophrys (Gould's *B. A.* Vol. IV, pl. 80).
Syn. *Turdus melanophrys*, Latham.
M. viridis, Vieillot.
Myzantha flavirostris, Vigors and Horsfield.
Hab. N. S. Wales.
A. Specimen presented by the Sydney Institution (1845).

1329. M. GARRULA (Gould's *B. A.* Vol IV, pl. 76).
SYN. *Merops garrulus*, Latham.
HAB. N. S. Wales; S. Australia; V. D. Land.
A. Specimen from the Sydney Institution. *B.* Another, from Port Philip. Mr. Benson (1846). *C. D.* Others (very fine), from V. D. Land. J. McClelland, Esq. (1849).

1330. M. OBSCURA, Gould (*B. A.* Vol. IV, pl. 77).
HAB. W. and S. W. Australia.
A. Specimen from Swan River. Willis Earle, Esq. (1844).

Genus ZOSTEROPS, Vigors and Horsfield.

1331. Z. CURVIROSTRIS, Blyth, *J. A. S.* XIV, 563 (nec Swainson, vide *J. A. S.* XV, note to p. 44).
HAB. Mauritius.
A. B. Specimens presented by Willis Earle, Esq. (1843).

1332. Z. CÆRULESCENS (Gould's *B. A.* Vol. IV, pl. 81).
SYN. *Certhia cærulescens* et *Sylvia lateralis*, Latham.
C. diluta, Shaw.
Z. dorsalis, Vigors and Horsfield.
Philedon cæruleus, Cuvier.
Sylvia annulosa, var. *B*, Swainson.
HAB. N. S. Wales; S. Australia; V. D. Land.
A. Specimen from the Sydney Institution (1845). *B.* Another. W. Cracroft, Esq. (1837).

1333. Z. PALPEBROSUS (*Pl. Col.* 292, f. 3).
SYN. *Sylvia palpebrosa*, Temminck.
S. annulosa, var. a, Swainson.
Z. maderaspatana (v. *madagascariensis* of India), auctorum (vide *J. A. S.* XIV, 562).
HAB. India generally (nec L. Bengal), from the Himalaya to Ceylon; Asám; Arakan; Tenasserim provinces; Nicobar Islands.
A. Specimen from Masuri. Capt. Hutton (1849). *B.* Do. Ceylon. E L. Layard, Esq. (1848). *C. D.* Do. Arakan. Capt. J. R. Abbott (1844). *E.* Variety? (nec immature plumage, apud Hutton). Described as *Z. nicobaricus*, *J. A. S.* XIV, 563. Nicobar Islands. M. Busch (1846).

1334. Z. BORBONICUS (vide *J. A. S.* XV, 44).
SYN. *Ficedula borbonica*, Brisson.
Z. cinerea, Swainson, 2¼ *Centen.*
HAB. Mauritius; Bourbon; Madagascar.
A. Specimen from the Mauritius. Willis Earle, Esq. (1843).

Genus ACANTHORHYNCHUS, Gould.

1335. A. TENUIROSTRIS (Gould's *B. A.* Vol. IV, pl. 61).
SYN. *Certhia tenuirostris*, Latham.
HAB. S. Australia; and dubious variety? (*A. dubius*, Gould,) in V. D. Land.
A. B. C. Specimens presented by Lord A. Hay, Mr. Benson, and the Sydney Institution (1845-6).

1336. A SUPERCILIOSUS, Gould (*B. A.* Vol. IV, pl. 62).
HAB. W. Australia; V. D. Land.
A. Specimen from V. D. Land. C. Huffnagle, Esq. (1844).

Genus MYZOMELA, Vigors and Horsfield.

1337. M. DIBAPHA (Gould's *B. A.* Vol. IV, pl. 63).
SYN. *Certhia dibapha*, *C. sanguinolenta* et *C. erythropygia*, Latham.
C. australasiæ, Leach.
Meliphaga cardinalis, Vigors and Horsfield.
HAB. N. S. Wales.
A. B. Males, from the Sydney Institution (1845).

Fam. CÆREBIDÆ.

Genus CÆREBA, Brisson, Vieillot.

1338. C. (?) SPIZA (*Pl. Enl.* 573, f. 1, 2, 682, f. 1, 2).
SYN. *Certhia spiza*, L.
HAB. Brazil; Guiana.
A. Specimen from Mr. Bartlett (1843).

1339. C. CYANEA (*Pl. Enl.* 83, f. 2).
SYN. *Certhia cyanea*, L.
HAB. Brazil; Guiana.
A. Male. *B.* Female. Mr. Bartlett (1843).

Genus DACNIS, Cuvier.

1340. D. CAYANA (*Pl. Enl.* 669).
SYN. *Certhia cayana*, L.
HAB. Brazil.
A. Specimen presented by H. E. Strickland, Esq. (1846).

Fam. NECTARINIIDÆ.

Shakar-Khora (i. e. 'Sugar-sucker;') H.; *Mor-chang*, Beng.; *Tutika*, Cingh.; *Pan-bweng-tsot* (*i. e.* 'Flower-pecker'), Arakan.

Genus ARACHNOTHERA, Temminck.

1341. A. MAGNA.
SYN. *Cinnyris magna*, Hodgson, *Ind. Rev.* 1837, p. 272; *J. A. S.* XII, 981.
A. inornata of Asám apud Horsfield, *P. Z. S.* 1839, p. 167; vide *J. A. S.* XII, 981.

HAB. Nepal; Sikim; Asam; Sylhet; Arakan.
A. B. Specimens from Arakan. Capt. Phayre (1844).

1342. A. FLAVIGASTER.
SYN. *Anthreptes flavigaster*, Eyton, *P. Z. S.* 1839, p. 105, *J. A. S.* XIV, 557.
Chechap Rimba, or *Koleechap Pangone*, Malay.
HAB. Malayan peninsula.
A. B. Adults. *C.* Young. From Malacca. Rev. F. W. Lindstedt (1845), and R. W. G. Frith, Esq. (1847).

1343. A. CHRYSOGENYS, Temminck (*Pl. Col.* 388, f. 1); *J. A. S.* XII, 981; XV, 43.
SYN. *Certhia longirostra* apud Raffles, *Lin. Tr.* XIII, 299 (nec Latham).
Siap jantung, Malay.
HAB Malayan peninsula; Sumatra.
A. B. C. Specimens from Malacca. R. W. G. Frith, Esq. (1846), and E. Lindstedt, Esq. (1847).

1344. A. INORNATA, Temminck (*Pl. Col.* 84).
SYN. *Cinnyris affinis*, Horsfield, *Lin. Tr.* XIII, 66.
Chess, Jav.
HAB. Java.
A. Specimen from the Batavian Institution (1845).

1345. A. MODESTA.
SYN. *Anthreptes? modesta*, Eyton, *P. Z. S.* 1839, p. 105.
Ar. latirostris, Blyth, *J. A. S.* XII, 982.
Chichap Nio, Malay.
HAB. Malayan peninsula.
A. B. Specimens presented by Rev. F. W. Lindstedt, (1844).

1246. A. ROBUSTA, Muller (*Zool. Ind. Arch.*, t. 2, f. 1); described *J. A. S.* XV, 43, No. 6.
HAB. Sumatra.
A. Specimen (bill now broken), presented by the Batavian Institution (1845).

1347. A. LONGIROSTRA (Griffith's *Transl. An. Kingd.* VII, 391, pl.)
SYN. *Certhia longirostra*, Latham (nec Raffles).
Prit Andun, Jav.
HAB. Java.
A. Specimen presented by the Batavian Society (1845).

1348. A. AFFINIS, Blyth, *J. A. S.* XV, 43.
SYN. *A. inornata* apud Blyth, *J. A. S.* XII, 982.
Cinnyris longirostris, Jerdon, *Madr. Journ.* XIII, 172.
HAB. Arakan; Tenasserim provinces; Malayan peninsula; very rare in S. India.
A. B. Specimens from Arakan. Capt. Phayre (1843).
C. D. Do. Malacca. Mr. E. Lindstedt (1846). *E.* Do., skin from S. India. T. C. Jerdon, Esq. (1844).

Genus NECTARINIA, Illiger.

(*A.* With elongated middle tail-feathers in the males).

1349. N. FAMOSA (*Nat. Libr., Nectariniidæ*, pl. 17).
SYN. *Certhia famosa* (misprint for *formosa?*), L.
C. longicauda et
C. bonæ spei, Brisson.
HAB. S. Africa.
A. B. Specimens presented by Lord A. Hay (1845), and Capt. Phayre (1847).

1350. N. VIOLACEA (*Nat. Libr., Nectariniidæ*, pl. 16).
SYN. *Certhia violacea*, L.
HAB. S. Africa.
A. Specimen (back injured). H. E. Strickland, Esq. (1847).

1351. N. GOALPARIENSIS (Royle's *Ill. Him. Bot.*, pl. 7), *J. A. S.* XII, 969.
SYN. *Certhia goalpariensis*, Latham.
Cinnyris Vigorsii (the male), and *C. concolor* (the female), Sykes, *P. Z. S.* 1832, pp. 98, 99.
C. miles, Hodgson, *Ind. Rev.* 1837, p. 273.
C. labecula, McClelland, *P. Z. S.* 1839, p. 167.
N. seheriæ, Tickell, *J. A. S.* II, 577.
N. Lathami, Jardine, *Nat. Libr.*
HAB. Sub-Himalaya region; C. and S. India; Asám; Sylhet; Arakan; Tenasserim provinces.
A. B. C. D. E. Series of five specimens, from Deyra Doon, Tenasserim, &c. Capt. Hutton (1849). Rev. J. Barbe (1846).

1352. N. SIPARAJA (*Pl. Col.* 126, f. 3).
SYN. *Certhia siparaja*, Raffles, *Lin. Tr.* XIII, 299.
N. mysticalis, Temminck.
Sipa Raja, Malay.
HAB. Malayan peninsula and archipelago.
A. Specimen presented by the Batavian Society (1845).

1353. N. GOULDIÆ (Gould's 'Century,' pl. 56), *J. A. S.* XII, 974.
SYN. *Cinnyris Gouldiæ*, Vigors, *P. Z. S.* 1831, p. 44.
HAB. Sikim; Sylhet; Arakan.
A. B. C. Males, from Darjiling. Mrs. Oakes (1844), and two purchased (1849). *D.* Another. Capt. Pemberton (1839).

1354. N. IGNICAUDA (*Nat. Libr., Nectariniidæ*, pl. 29); *J. A. S.* XII, 972.
SYN. *Cinnyris ignicauda*, Hodgson, *Ind. Rev.* 1837, p. 972.

C. rubricaudata, Blyth, mentioned *J. A. S.* XI, 192.
N. phœnicura, Jardine, *Nat. Libr.*

HAB. Nepal; Asam; Sylhet.

A. Male in full plumage (tail not fully grown). Mrs. Oakes (1843). *B.* Male assuming the breeding dress. C. S. Bonnevie, Esq. (1847). *C.* Female. B. H. Hodgson, Esq. (1843).

1355. N. NIPALENSIS (*Nat. Libr., Nectariniidæ*, pl. 27); *J. A. S.* XII, 974.

SYN. *Cinnyris nipalensis*, Hodgson, *Ind. Rev.* 1837, p. 273.

HAB. S. E. Himalaya.

A. B. Males. *C. D.* Females. From Darjiling. Mr. Webb (1845).

1356. N. HORSFIELDI, Blyth, *J. A. S.* XII, 975.

HAB. N. W. Himalaya.

A. B. Specimens presented by R. W. G. Frith, Esq. (1842) and Capt. Hutton (1849).

1357. N. SATURATA (*Nat. Libr., Nectariniidæ*, pl. 29): *J. A.* S. XII, 976.

SYN. *Cinnyris saturata*, Hodgson, *Ind. Rev.* 1837, p. 273.
C. assamensis, McClelland, *P. Z. S.* 1839, p. 167.
C. Hodgsonis, Jardine, *Nat. Libr.*

HAB. S. E. Himalaya; Asam.

A. Male. Mrs. Oakes (1843). *B. C.* Males. *D.* Female. Purchased (1849). All from Darjiling.

(*B.* The middle tail-feathers of the males not elongated).

1358. N. AFRA (*Nat. Libr., Nectariniidæ*, pl. 2).

SYN. *Certhia afra*, L.
Cinnyris smaragdinus, Vieillot.

HAB. S. Africa.

A. B. Specimens presented by Lord A. Hay (1845), and Capt. Phayre (1847).

1359. N. LOTENIA (*Nat. Libr., Nectariniidæ*, pl. 23—not good.)

SYN. *Certhia lotenia*, L.
C. polita, Latham.
C. purpurata, Shaw.

HAB. S. India; Ceylon.

A. B. Specimens from the Carnatic. T. C. Jerdon, Esq. (1843). *C. D. E. F.* Do., from Ceylon. E. L. Layard, Esq. (1848).

1360. N. ASIATICA (*Nat. Libr., Nectariniidæ*, pl. 24); *J. A. S.* XII, 978.

SYN. *Certhia asiatica*, L.
C. mahrattensis, *C. chrysoptera*, *C. cirrhata*, et *C. curucaria*, Latham.

C. saccharina, Shaw.
Cinnyris orientalis, Franklin, *P. Z. S.* 1831, p. 122.
C. epauletta et *C. strigula*, Hodgson, *Ind. Rev.* 1837, p. 272.
C. cyaneus, *Encl.*, *Method*
HAB. India generally; Arakan; Sindh.
A. B. C. D. E. F. G. Specimens in various states of plumage, from the vicinity of Calcutta (1843-7.)

1361. N. MALACCENSIS (Swainson's *Zool. Ill.*, 1st series, pl. 121).
SYN. *Certhia malaccensis*, Scopoli.
C. lepida, Latham.
N. javanica, Horsfield.
Prit-gantil, Jav.
HAB. Burmese and Malay countries (Arakan, Tenasserim).
A. B. C. D. E. F. G. H. Specimens in various states of plumage, from Arakan, Capt. Phayre (1844), and Malacca, R. W. G. Frith, Esq., and Rev. F. W. Lindstedt (1844-7).

1362. N. SIMPLEX, Muller (*Zool. Ind. Arch.* t. 8, f. 4).
SYN. *N. frontalis*, Blyth, *J. A. S.* XIV, 558.
HAB. Malayan peninsula; Sumatra.
A. Specimen described (*loc. cit.*)

1363. N. PHŒNICOTIS, Temminck (*Pl. Col.* 108, f. 1 & 338, f. 2); *J. A. S.* XII, 979.
HAB. Burmese and Malay countries (Tippera, Arakan, Tenasserim).
A. B. Males. *C.* Female. *D.* Young. Arakan. Capt. J. R. Abbott (1844).

1364. N. HYPOGRAMMICA, Muller (*Zool. Ind. Arch.* t. 8, f. 3).
SYN. *N. nuchalis*, Blyth, *J. A. S.* XII, 980, and the female termed *Anthreptes macularia*, *J. A. S.* XI, 107.
HAB. Malayan peninsula; Sumatra; Borneo.
A. Male, from Singapore. M. de Storr (1843). *B.* Female (tail-less). R. W. G. Frith, Esq. (1842).

1365. N. SOLARIS, Temminck (*Pl. Col.* 347, f. 3).
HAB. Moluccas.
A. Specimen presented by the Batavian Institution (1845).

1366. N. PECTORALIS, Horsfield (*Pl. Col.* 138).
SYN. *N. eximia*, Temminck.
Certhia philippensis olivacea, Brisson.
Sri-ganti, Jav.
HAB. Malayan peninsula and archipelago; Nicobar Islands.
A. Male, from the Nicobars. M. Busch (1845). *B. C.* Males. *D.* Female. Malacca. Rev. F. W. Lindstedt (1844).

1367. N. FLAMMAXILLARIS, Blyth, *J. A. S.* XIV, 557.
SYN. *N. jugularis* apud Blyth, *J. A. S.* XII, 979.
HAB. Arakan; Tenasserim.
A. B. Males. *C.* Female. Arakan. Capt. J. R. Abbott (1844).

1368. N. ZEYLONICA (*Nat. Libr., Nectariniidæ,* pl. 20,—not good).
SYN. *Certhia zeylonica,* L.
Cinnyris sola, Vieillot.
C. lepida apud Sykes (female.)
HAB. Bengal: S. India; Ceylon.
A. Male. *B.* Female. *C.* Young. From the vicinity of Calcutta (1843). *D.* Male. *E.* Female. *F.* Young. Ceylon. E. L. Layard, Esq. (1849).

1369. N. MINIMA (*Nat. Libr., Nectariniidæ,* frontispiece.)
SYN. *Cinnyris minima,* Sykes, *P. Z. S.* 1832, p. 98.
HAB. S. India.
A. Young male. Presented by T. C. Jerdon, Esq. (1842.)

1370. N. HASSELTII, Temminck (*Pl. Col.* 376, f. 3).
SYN. *N. Phayrei,* Blyth, *J. A. S.* XI, 1008.
Certhia sperata, var., Raffles.
C. braziliana, Shaw.
HAB. Burmese and Malay countries (Arakan, Tenasserim).
A. Male from Arakan. Capt. Phayre (1843). *B. C.* Do., Malacca. R. W. G. Frith, Esq. (1846), and E. Lindstedt, Esq. (1847).

Genus DICÆUM, Cuvier.

1371. D. CRUENTATUM (Edwards, pl. 81).
SYN. *Certhia cruentata,* L. (nec apud Horsfield, *Lin. Tr.* XIII, 168, which = *D. rubrocanum,* (Tem.), Vaill. *Ois. d'Afr.*, pl. 136).
C. coccinea, Scopoli.
C. erythronotus, Latham.
HAB. Bengal; Asám; Arakan; Tenasserim; Malayan peninsula.
A. B. C. Males. *D.* Young male. *E.* Female. *F.* Young. Vicinity of Calcutta (1842-7).

1372. D. TRIGONOSTIGMA (Sonnerat, *Voy. aux Indes,* pl. 117).
SYN. *Certhia trigonostigma,* Scopoli.
C. cantillans, Latham.
D. croceoventre, Vigors.
Beong Nalow, Malay.
HAB. Arakan, Tenasserim; Malayan peninsula; Sumatra.
A. Male. *B.* Female. Arakan. Capt. Phayre (1843)
C. Male. Malacca. Mr. E. Lindstedt (1847).

1373. D. CHRYSORRHŒUM, Temminck (*Pl. Col.* 478).
SYN. *D. chrysochlorum*, Blyth, *J. A. S.* XI, 1009.
HAB. Arakan; Tenasserim; Malacca.
A. B. Specimens from Arakan. Capt. J. R. Abbott (1844). *C.* Do. Malacca. Mr. E. Lindstedt.

1374. D. CONCOLOR, Jerdon (*Ill. Ind. Orn.*, pl. 39).
HAB. Nilgiris; Malabar.
A. Dried specimen, presented by T. C. Jerdon, Esq. (1842).

1375. D. MINIMUM.
SYN. *Nectarinia minima*, Tickell, *J. A. S.* II, 577.
Certhia erythrorhyncha, Latham (founded on the drawing of a young specimen, with colour of bill exaggerated).
D. Tickelliæ, Blyth, *J. A. S.* XII, 983.
Myzanthe inornata, Hodgson, Gray's *Catal.*
HAB. India generally; Ceylon; Arakan. Common in L. Bengal.
A. B. Specimens from the vicinity of Calcutta (1844).

Genus MYZANTHE, Hodgson.

1376. M. HIRUNDINACEA (Gould's *B. A.* Vol. I, pl. 34).
SYN. *Sylvia hirundinacea*, Shaw.
Pipra Desmarestii, Leach.
Dicæum atrogaster, Lesson.
HAB. Australia generally.
A. Male. Presented by Lord A. Hay (1845).

1377. M. IGNIPECTUS, Hodgson, *J. A. S.* XII, 983.
HAB. Nepal; Sikim; Butan.
A. Male. *B.* Female. Darjiling. Purchased (1849). *C.* Another male (in bad condition). Nepal. B. H. Hodgson, Esq. (1842).

Genus PRIONOCHILUS, Strickland.

1378. PR. THORACICUS (*Pl. Col.* 600, f. 1), *J. A. S.* XIV, 559.
SYN. *Pipra thoracica*, Temminck.
P. maculata (?), Temminck (female or young?).
HAB. Malayan peninsula.
A. Male. *B.* Female. *C.* Young. Malacca. R. W. G. Frith, Esq. (1845).

1379. PR. PERCUSSUS (*Pl. Col.* 394, f. 2), *J A. S.* XIV, 559.
SYN. *Pipra percussa*, Temminck.
Dicæum ignicapillum, Eyton, *P. Z. S.* 1839, p. 105.
Nalloo, or *Nalow*, Malayan.
HAB. Malayan peninsula; Sumatra.
A. B. Males. *C. D.* Females. From Malacca. Rev. F. W. Lindstedt (1844-6).

Genus PIPRISOMA, Blyth (*Smicrornis* ?, Gould).

1383. P. AGILE, *J. A. S.* XIII, 314.

SYN. *Fringilla agilis*, Tickell, *J. A. S.* II, 578.
Pipra squalida, Burton, *P. Z. S.* 1836, p. 113.
Parisoma (?) *virecides*, Jerdon, *Madr. Journ.* XI, 9.

HAB. C. India; Himalaya? (Deyra Doon?)
A. Specimen from the Mednapur jungles (1847).

Order IV. GEMITORES.

Fam. COLUMBIDÆ.

Subfam. TRERONINÆ.

Genus TRERON, Vieillot.
(*Hurrial*, H.; *Hurtel*, Beng.; *N'goo*, Arakan; *Battagoya*, Cingh.; *Poonai*, Sum.)

Subgenus TORIA, Hodgson.

1381. T. AROMATICA (*Pl. Enl.* 163).

SYN. *Columba aromatica*, *C. curvirostris*, and (the female) *C. tannensis*, Gmelin.
Poonai ubar, Sum. (Raffles).

HAB. Eastern Archipelago.
A. Male, presented by the Batavian Society, and described *J. A. S.* XIV, 848. (*N. B.* Third primary not sinuated).

Var. T. NIPALENSIS, Hodgson, *As. Res.* XIX, 164; *J. A. S.* XIV, 847.
T'horia (*i. e.*, 'beaked'), Nepal; *Krocha*, Malay.

HAB. Nepal; Asám; Arakan; Tenasserim provinces; Malayan peninsula; rare in L. Bengal.
A. Male. *B.* Female. From Arakan. Capt. J. R. Abbott (1843). *C.* Male. *D.* Female. Tenasserim. Rev. J. Barbe (1846). (*N. B.* Third primary well sinuated in all).

1382. T. CAPELLEI (*Pl. Col.* 143).

SYN. *Columba Capellei*, Temminck.
Vinago giganteus, Vigors, *Zool. App.* to Lady Raffles's Biog. of Sir St. Raffles, p. 674.
Tr. magnirostris, Strickland, *Ann. Mag. N. H.* 1844, p. 115.

HAB. Malayan peninsula; Sumatra.
A. B. Males. *C.* Female. From Malacca. Rev. F. W. Lindstedt (1844).

Subgenus TRERON, Vieillot.

1383. TR. VIRIDIFRONS, Blyth, *J. A. S.* XIV, 849.

HAB. Tenasserim provinces.
A. B. Specimens from Mergui. Presented by the Rev. J. Barbe (1846).

1384. Tr. phœnicoptera (Gould's 'Century,' pl. 18; but the feet should have been coloured brilliant yellow); *J. A. S.* XIV, 849.

Syn. *Col. phœnicoptera*, Latham.
C. militaris, Temminck.
C. Hardwickii, Gray.

Hab. Bengal, Asám, Sylhet, Nepal, and all Upper India, southward to C. India, where mingled much with the next race.

A. Male. *B.* Female. *C.* Young male. From the vicinity of Calcutta (1842-6).

1385. Tr. chlorigaster, Blyth, *J. A. S.* XII, 167, XIV, 850.

Syn. *Tr. Jerdoni*, Strickland, *Ann. Mag. N. H.* 1844, p. 167.
Tr. phœnicoptera v. *militaris* of S. India, Auctorum.

Hab. Peninsula of India; rare in L. Bengal.

A. Male, from C. India. C. Fraser, Esq. (1844). *B.* Male. *C.* Female. From the vicinity of Calcutta (1841-6).

1386. Tr. bicincta (Jerdon's *Ill. Ind. Orn.* pl. 21); *J. A. S.* XIV, 851.

Syn. *Vinago bicincta* (the male), and *V. unicolor* (the female), Jerdon, *Madr. Journ.* XII, 13, 14.
V. vernans, var., Lesson's Traité.

Hab. India generally; Ceylon, Nepal, Asám, Sylhet, Arakan, Tenasserim.

A. B. Males. *C.* Female. *D.* Young. From the vicinity of Calcutta (1842-7).

1387. Tr. viridis (*Pl. Enl.* 138); *J. A. S.* XIV, 851.

Syn. *Columba viridis*, Scopoli.
C. vernans, Gmelin.
C. purpurea, Latham.
Pouye, Malay.

Hab. Malayan peninsula and Archipelago.

A. Male, presented by the Batavian Society (1845). *B. C.* Males. *D.* Female. Malacca. Rev. F. W. Lindstedt (1844). *E.* Female. Penang. Rev. J. Barbe (1846).

1388. Tr. chloroptera, Blyth, *J. A. S.* XIV, 852.

Hab. Nicobar Islands.

A. Male. *B.* Female. Capt. Lewis (1845). *C.* Male. Rev. J. Barbe (1845).

1389. Tr. malabarica (*Nat. Libr., Columbidæ*, pl. 1); Jerdon's *Ill. Ind. Orn.*, Art. *Tr. bicincta*; *J. A. S.* XIV, 852.

Syn. *Vinago aromatica* (the male), and *V. affinis* (the female), Jerdon, *Madr. Journ.* XII, 13).
Columba pompadora? Gmelin (founded on Brown's 'Illustrations,' pl. 19, 20).

Hab. S. India; Ceylon? rare in L. Bengal; common in Asám, Sylhet, Arakan, and Tenasserim.

A. B. Males. *C.* Female. From Arakan. Capt. J. R. Abbott (1843).

1390. Tr. olax (*Pl. Col.* 241).

Syn. *Columba olax*, Temminck.

Sembooan, Malay.

Hab. Malay countries.

A. Male. Presented by the Batavian Institution (1845). *B.* Female. From Malacca. R. W. G. Frith, Esq. (1847). *C.* Male. *D.* Female. Malacca. Rev. F. W. Lindstedt (1844).

Subgenus SPHENOCERCUS, G. R. Gray.

1391. Sph. cantillans (Gould's 'Century,' pl. 57).

Syn. *Vinago cantillans*, Blyth, *J. A. S.* XII, 166 (cage variety).

V. sphenura, Vigors, *P. Z. S.* 1841, p. 173

Columba aromatica, var. *A*, Latham (cage variety).

Kokla, or *Kokhela*, H.

Hab. Himalaya.

A. B. Males. *C.* Female. Darjiling. Mr. Webb (1845). *D.* Cage variety (described as *V. cantillans*, *loc. cit*).

1392. Sph. apicauda.

Syn. *Treron apicauda*, Hodgson, Gray's *Catal*; *J. A. S.* XIV, 854.

Hab. S. E. Himalaya; Asám.

A. Male. *B.* Female? From Darjiling. Mr. Webb (1845).

1393. Sph. oxyura (*Pl. Col.* 240).

Syn. *Columba oxyura*, Temminck.

Sphenurus semitorquatus, Swainson.

Hab. Malay countries.

A. Specimen presented by the Batavian Institution (1845).

Genus Ptilinopus, Swainson.

1394. Pt. melanocephalus (*Pl. Enl.* 214).

Syn. *Columba melanocephala*, Pennant.

Jowan Bondol, Jav.

Hab. Java.

A. Male, purchased alive (1844).

1395. Pt. jambu (Tem. *Pigeons*, *t.* 27, 28).

Syn. *Columba jambu*, Gmelin.

Paonag Gadang, Malay; *Poonai Jambu*, Sum.

HAB. Malayan peninsula; Sumatra.
A. Male. *B. C.* Females. From Malacca. Rev. T. Boaz (1842).

1396. PT. PURPURATUS (Temminck, *Pigeons, t.* 24); vide *J. A. S.* XII, 178 (*bis*).
SYN. *Columba purpurata*, Latham.
C. Forsteri, Desmarest.
C. kurukuru, Bonnaterre.
HAB. Ladrones, &c.
A. Specimen (beak and forehead injured), presented by M. M. Lieutard and Reymoneng (1842).

1397. PT. ?
HAB. Navigators' Islands.
A. Adult. *B*. Young? Presented by M. A. Fabre Tonnerre (1849).

1398. PT. SWAINSONII, Gould (*B. A.* Vol. V, pl. 55).
SYN. *Columba purpurata* apud Jardine and Selby, *Ill. Orn.* pl. 70.
Pt. purpuratus, var. *regina*, Swainson.
HAB. S. E. Australia.
A. B. Specimens purchased (1847).

Genus CARPOPHAGA, Selby.
(*Dukul*, or *Dunkul*, H).

1399. C. (?) MAGNIFICA (Gould's *B. A.* Vol. V, pl. 58).
SYN. *Columba magnifica*, Temminck.
HAB. S. E. Australia.
A. B. Specimens presented by the Sydney Institution (1846). *C.* Another, purchased (1847).

1400. C. IANTHINA?
SYN. *Col. ianthina* (*?*), Temminck (*Pl. Col.* 503).
HAB.
A. Specimen presented by the Batavian Society (1845).

1401. C. SYLVATICA; vide *J. A. S.* XIV, 856.
SYN. *Columba sylvatica*, Tickell, *J. A. S.* II, 581.
Carp. ænea of India, Auctorum.
Dunkul, H.; *Soona Kubutra*, Uria; *Pyoon-madee*, Arakan; *Pagam*, Sumatra.
HAB. C. and S. India; Asám; Sylhet; Arakan; Tenasserim; Malayan peninsula; Sumatra; Java? Variety in Nicobar Islands.
A. Specimen presented by the Batavian Society (1845). *B. C.* Do., from Arakan. Capt. J. R. Abbott (1843). Nicobar variety; described *J. A. S.* XV. *D. E.* Adults. *F.* Young. Presented by the Rev. J. Barbe and Capt. Lewis (1846).

1402. C. PUSILLA, Blyth, *J. A. S.* XVIII,
HAB. Nilgiris.
A. Specimen presented by T. C. Jerdon, Esq. (1845).

1403. C. PERSPICILLATA (*Pl. Col.* 246).
SYN. *Columba perspicillata,* Temminck.
HAB. Java; Moluccas.
A. Specimen presented by the Batavian Society (1845).

1404. C. INSIGNIS, vide *J. A. S.* XIV, 855.
SYN. *Ducula insignis,* Hodgson, *As. Res.* XVIII, 162.
C. cuprea, Jerdon, *Madr. Journ.* XII, p. 12 (subsequently referred to *Col. badia,* Raffles, *ibid.* XIII, 164).
HAB. S. E. Himalaya; Asam; Arakan; Nilgiris.
A. Male. Arakan (Ya-ma-dong mountains). Capt. Phayre (1844). *B.* Female. Darjiling. Purchased (1849).

1405. C. PINON (*Dict. Class. d'Hist. Nat.*, pl. 29, f. 2).
SYN. *Columba pinon,* Quoy and Gaymard.
HAB. N. Guinea.
A. Specimen from an islet off the coast of Waigou. T. C. Jerdon, Esq. (1845).

1406. C. BICOLOR (Sonn. *Voy. t.* 103).
SYN. *Columba bicolor,* Scopoli.
C. alba, Gmelin.
C. littoralis, Temminck.
Barung dara lahut, Jav.
HAB. Malayan peninsula and Archipelago; Nicobar Islands.
A. Specimen presented by the Batavian Institution (1845). *B.* Do., from the Nicobars (1846).

1407. C. (?) ?
HAB. N. Guinea.
A. Specimen from an islet off the coast of Waigou. T. C. Jerdon, Esq. (1845).

Subfam. COLUMBINÆ.

Genus COLUMBA, L.

Subgenus LOPHOLAIMUS, G. R. Gray.

1408. L. ANTARCTICUS (Gould's *B. A.* Vol. V, pl. 61).
SYN. *Columba antarctica,* Shaw.
C. dilopha, Temminck.
HAB. S. and E. Australia.
A. Specimen purchased (1846). *B.* Do., presented by H. E. Strickland, Esq. (1847).

Subgenus ALSOCOMUS, Tickell.

1409. A. ARQUATRIX (Tem. *Pigeons, t.* 5).
SYN. *Columba arquatrix,* Temminck.

Hab. S. Africa.
A. Specimen presented by Lord A. Hay (1845).

1410. A. Hodgsonii.
Syn. *Columba Hodgsonii*, Vigors, *P. Z. S.* 1832, p. 16.
C. nipalensis, Hodgson, *J. A. S.* V, 122; XIV, 867.
Hab. Himalaya.
A. Male. Darjiling. Mr. Webb (1845). *B.* Female. Simla. Purchased (1849).

1411. A. puniceus, Tickell, *J. A. S.* XI, 462; XII, 867, 878.
Hab. C. India; Asám; Arakan; Tenasserim.
A. B. Specimens from Arakan (Ramree). Capt. J. R. Abbott (1843).

1412. A. leucomelas (Gould's *B. A.* Vol. V, pl. 59).
Syn. *Columba leucomela*, Temminck.
C. leucomelana, Wagler.
C. norfolciensis, Latham.
Hab. N. S. Wales.
A. Male. *B.* Female (or young?). Presented by the Sydney Institution (1845).

Subgenus PALUMBUS, Kaup.

1413. P. torquatus (*Pl. Enl.* 316).
Syn. *Columba palumbus*, L.
Hab. Europe: variety in N. W.? Himalaya.
A. Specimen from England. Mr. Bartlett (1843). *B. C.* Specimens from N. W. Himalaya. (*N. B.* Nuchal patch less developed,—often scarcely, if at all, existent,—and always of a buffy clay-colour instead of white). Capt. Hutton (1849).

1414. P. pulchricollis.
Syn. *Columba pulchricollis*, Hodgson, vide *J. A. S.* XIV, 866.
Hab. S. E. Himalaya.
A. B. Specimens from Darjiling. Mr. Webb (1845).

1415. P. Elphinstonei (Jerdon's *Ill. Ind. Orn.*, pl. 48).
Syn. *Ptilinopus Elphinstonei*, Sykes, *P. Z. S.* 1832, p. 149.
Hab. Nilgiris.
A. B. Specimens presented by T. C. Jerdon, Esq. (1848).

Subgenus COLUMBA (as restricted).

1416. C. œnas, L. (*Pl. Enl.* 466).
Hab. Europe.
A. Specimen from England. Mr. Bartlett (1843).

1417. C. livia, Brisson (*Pl. Enl.* 510).
Jalalaya, H.; *Parwi*, Mahr.; *Gola* of the dealers.
Hab. Europe; and variety in C. and S. Asia.

A. Specimen from England. Mr. Bartlett (1843). *B.* Variety with spotted wing (*C. affinis*, Blyth, *J. A. S.* XIV, 862). From S. England. Mr. Bartlett (1844). *C. D.* Common Asiatic variety, with no white on rump (*C. intermedia*, Strickland, *Ann. Mag. N. H.* 1844, p. 39; *J. A. S.* XIV, 861; *C. œnas* of India, auctorum; *C. œnas*, var., from Tartary, Wagler). Specimens procured in L. Bengal (1843). *E.* Do., with slightly albescent rump. Masuri. Capt. Hutton (1849). *F.* Domestic Indian specimen, with white rump as in the European bird. *G.* Do., with grey rump as usual, but otherwise marked like the wild bird. *H.* Do., with grey rump, but spotted wings as in var. *affinis*. *I. J. K. L.* European varieties. M. Malherbe (1848).

1418. C. LEUCONOTA, Vigors (Gould's 'Century,' pl. 59), *J. A. S.* XIV, 864.

HAB. Himalaya, near snow region.

A. B. Specimens presented by Capt. Hutton (1848).

Genus ECTOPISTES, Swainson.

1419. E. MIGRATORIUS (Wilson's *Am. Orn.* pl. 44, f. 1).

SYN. *Columba migratoria* et *canadensis*, L.

HAB. N. America.

Specimen from Mr. Bartlett (1843).

Genus MACROPYGIA, Swainson.

1420. M. REINWARDTII (*Pl. Col.* 248).

SYN. *Columba Reinwardtii*, Temminck.

HAB. Moluccas, &c.

A. Specimen (head injured), from an islet off the coast of Waigou. T. C. Jerdon, Esq. (1845).

1421. M. PHASIANELLA (Gould's *B. A.* Vol. V, pl. 75); vide *J. A. S.* XV, 371.

SYN. *Columba phasianella*, Temminck.

HAB. N. S. Wales.

A. B. Specimens presented by the Sydney Institution (1845). *C.* Another. Purchased (1848).

1422. M. RUFIPENNIS, Blyth, *J. A. S.* XV, 371.

HAB. Nicobar Islands.

A. B. C. Specimens presented by Capt. Lewis and Rev. J. Barbe (1846).

1423. M. AMBOINENSIS.

SYN. *Columba amboinensis*, L.

Derkuku-sopa, Jav.

HAB. Tenasserim provinces; Java; Moluccas.

A. Specimen presented by the Batavian Institution (1845).

1424. M. LEPTOGRAMMICA (*Pl. Col.* 248); *J. A. S.* XIV, 869.
SYN. *Columba leptogrammica*, Temminck.
Coccyzura tusalia, Hodgson, *J. A. S.* XIII, 936.
HAB. S. E. Himalaya.
A. Male. *B.* Female. Mrs. Saxon (1843). *C.* Young. C. S. Bonnevie, Esq. (1847). *D.* Male. *E.* Female. Purchased (1849). All from Darjiling.

Genus GEOPELIA, Swainson.

1425. G. HUMERALIS (Gould's *B. A.*, Vol. V, pl. 72).
SYN. *Columba humeralis*, Temminck.
C. erythrauchen, Wagler.
HAB. Most parts of Australia.
A. Specimen from the Barrackpore Menagerie (1846).

1426. G. TRANQUILLA, Gould (*B. A.* Vol. V, pl. 73).
HAB. N. S. Wales.
A. B. Specimens from the Sydney Institution (1845). *B.* Another, purchased (1846).

1427. G. ALBIVENTRIS, Blyth (*Report on Australian Vertebrata in Mus. As. Soc.*)
SYN. *Columba Maugei* (?), Temminck.
HAB. Timor.
A. B. Specimens purchased (1847).

1428. G. STRIATA (Temminck, *Pigeons, t.* 47).
SYN. *Columba striata* et *C. sinica*, L.
C. malaccensis, Gmelin.
C. fowat, Bonnaterre.
C. bantamensis, Sparrman.
Katitiran, Sum.; *Berkutut*, Jav.
HAB. Malayan peninsula and archipelago.
A. Specimen presented by the Batavian Institution (1845). *B.* Another, received from the Mauritius. Willis Earle, Esq. (1843).

Genus TURTUR, Selby.
G'hugu, Beng.; *Fachta*, H.; *Cobeya*, Cingh.; *Gya*, Arakan; *Balam, or Terkuku*, Mal., Sum.; *Puter*, Jav.

1429. T. VINACEUS.
SYN. *Columba vinacea*, Swainson.
T. semitorquatus, Swainson.
HAB. S. Africa.
A. B. Specimens presented by W. Cracroft, Esq. (1837).

1430. T. RISORIUS (Temminck, *Pigeons, t.* 44); vide *J. A. S.* XIV, 870.
SYN. *Columba risoria*, L.
T. erythrophrys, Swainson, apud Strickland.
Dhor Factah, H.; *Kálhák, Káhálák, Kahalaki*, or *Panr Ghughu*, Beng.

HAB. N. Africa; S. E. Europe?; S. Asia.
A. B. Specimens from the vicinity of Calcutta (1842). Domestic variety? (the voice differing considerably!) *C. D.* Adults. *E.* Young. (Cream-coloured race.) *F. G.* Adults. *H.* Young. (White race.) Calcutta (1842-5).

1431. T. BITORQUATUS (Temminck, *Pigeons, t.* 40).
SYN. *Columba bitorquata,* Temminck.
Puter-genni, Jav.
HAB. Java; Moluccas; Timor.
A. Male. *B.* Female. From Timor. Purchased (1848).

1432. T. HUMILIS (*Pl. Col.* 258, 259).
SYN. *Columba humilis,* Temminck.
C. risoria (minor), Franklin—the female.
Asiatic Pigeon, Latham.
Seroti Fachtah, H.; *Golabi* (or 'rose-coloured'), *Támákhuri* (or 'copper cup'), and *Itkúiya* (or 'brick-coloured'), *Ghughu,* Beng.; *Gyo-leng-bya,* Arakan.
HAB. India generally; Arakan.
A. Male. *B.* Female. *C.* Young male. Lower Bengal (1843-5).

1433. T. PICTURATUS (*Pl. Col.* 242).
SYN. *Columba picturata,* Temminck.
C. Dufresnii, Stephens.
HAB. Mauritius; Madagascar.
A. Specimen from the Mauritius. Willis Earle, Esq. (1843).

1434. T. CHINENSIS (Sonnerat's *Voy. aux Indes, t.* 102); vide *J. A. S.* XIV, 875.
SYN. *Columba chinensis,* Scopoli.
C. risoria, var. B, Latham.
HAB. China.
A. Specimen from Chusan. J. McClelland, Esq. (1843).

1435. T. SURATENSIS (Temminck, *Pigeons, t.* 43); *J. A. S.* XIV, 874.
SYN. *Columba suratensis,* Latham.
C. tigrina, Temminck.
C. turtur, L., var., figured in Griffith's *Trans. Ann. Kingd.,* VIII, 290.
Chitla, Upper Provinces; *Chitroka Fachtah,* H.; *Chañral Ghughu,* or *Telia Ghughu,* B.; *Kangskiri,* Bhagulpur; *Cobeya,* Cingh.; *Lay-biouk,* Arakan.
HAB. India generally, Burmese and Malay countries.
A. B. Specimens from the vicinity of Calcutta (1842).

1436. T. ORIENTALIS (*Pl. Col.* 550); *J. A. S.* XIV, 875.
SYN. *Columba orientalis,* Latham.

C. meena, Sykes, *P. Z. S.* 1832, p. 149.
C. gelastis, Temminck.
C. agricola, Tickell, *J. A. S.* II, 581.
C. ferrago, Eversmann.
C. turtur, var., Raffles?
Balam, or *Terkuku*, Sum., Raffles; *Kulla Fachtah*, H.; *Sám Ghughu*, Beng.; *H'hulga*, Mahratta; *Gyo-pein-doo-ma*, Arakan.

HAB. India generally; Burmah; E. Malasia; N. Asia in summer.

A. Specimen presented by the Batavian Society (1845), and described *J. A. S.* XIV, 876; *B. C. D.* Specimens procured from the vicinity of Calcutta (1843-4).

1437. T. AURITIS, Ray (Temminck, *Pigeons*, *t.* 42).
SYN. *Columba turtur*, L.
T. migratorius, Selby.
HAB. Europe.
A. Specimen from England. Mr. Kirtland (1846). *B.* Another, from Holland. Christiania University (1849).

1438. T. SENEGALENSIS (Temminck, *Pigeons*, *t.* 45); *J. A. S.* XIV, 873.
SYN. *Columba senegalensis*, L.
C. cambaiensis, Gmelin.
C. maculicollis, Wagler.
Tortru Fachtah, H.
HAB. India generally (nec alluvium of L. Bengal); W. Asia; Turkey; N. Africa.
A. Specimen procured near Mednapur (1847). *B.* Another. Purchased (1846).

Genus PERISTERA, Swainson.

1439. P. LARVATA (Temminck, *Pigeons*, *t.* 31; Vaill. *Ois. d'Afr.*, *t.* 269.)
SYN. *Columba larvata*, Temminck.
HAB. S. Africa.
A. Specimen presented by W. Cracroft, Esq. (1837).

Genus CHALCOPHAPS, Gould.

1440. CH. INDICUS (Edwards, pl. 14); *J. A. S.* XIV, 859.
SYN. *Columba indica*, L.
C. pileata, Scopoli.
C. javanica (?), *cyanocephala*, et *albicapilla*, Gmelin.
C. cyanopileata, et *griseocapilla*, Bonnaterre.
C. superciliaris, Wagler.
Rám Ghughu and *Rhaj Ghughu*, Beng.; *Nil Cobaya*, or *Nillo Cobaya* (*i. e.* 'blue dove'), Cingh.; *Gyongyo*, Arakan; *Takoat*, and *Poonai Tanna*, Malay; *Limoo-an*, Sum.; *Delimu*, or *Glimukan*, Jav.

Hab. India; Burmese and Malay countries.
A. B. Males. *C. D.* Females. *E.* Young. Vicinity of Calcutta (1842-6). *F.* Female, presented by the Batavian Society (1845). *G. H.* Variety from the Nicobar Islands, vide *J. A. S.* XV, 471. Rev. J. Bralu (1846).

1441. Ch. chrysochlora (Gould's *B. A.* Vol. V, pl. 62).
Syn. *Columba chrysochlora*, Wagler.
C. javanica (?), Gmelin.
Hab. N. S. Wales.
A. B. Male and female. Presented by the Sydney Institution (1846). *C.* Another female, purchased (1847).

Subfam. GOURINÆ.

Genus Phaps, Selby.

Subgenus LEUCOSARCIA, Gould.

1442. L. picata (Gould's *B. A.* Vol. V, pl. 63).
Syn. *Columba picata* et *melanoleuca*, Latham.
C. armillaris, Temminck.
C. Jamiesonii, Quoy and Gaymard.
Hab. N. S. Wales.
A. Specimen presented by the Sydney Institution (1845).

Subgenus PHAPS, apud Gould.

1443. Ph. chalcoptera (Gould's *B. A.* Vol. V, pl. 64).
Syn. *Columba chalcoptera*, Latham.
Hab. Australia generally; V. D. Land.
A. B. Specimens presented by the Sydney Institution (1845). *C.* Do., from V. D. Land. J. McClelland, Esq. (1849).

Genus Calænas, G. R. Gray.

1444. C. nicobarica (Edwards, pl. 339: *Pl. Enl.* 491).
Syn. *Columba nicobarica*, L.
C. gallus, Wagler.
Hab. Andaman and Nicobar Islands; Mergui archipelago; Malayan peninsula.
A. Specimens from Barrackpore Menagerie (1844). *B.* Another, from Cocos Rocks, N. of Andaman Islands. Capt. Phayre (1844). *C.* Young (black-tailed, vide *J. A. S.* XV, 371). Nicobars. Capt. Lewis (1846).

Order RASORES.

Fam. CRACIDÆ.

Genus Crax, L.

1445. Cr. yarrellii, Benson (Jardine and Selby, *Orn. Ill., n. s.*, pl. 6).

HAB. Interior of Brazil (Upper Marañon).
A. Male. Presented by Babu Rajendra Mallicka (1849). (*N. B.* Caruncles and facial skin bright red-orange, not crimson, in this specimen when alive.)

Genus PENELOPE, Merrem.

1446. P. JACUCACA, Spix (*Av. Bras. t.* 69).
SYN. *P. jacupemba*, Spix.
HAB. Guiana.
A. Specimen received from Mr. Bartlett (1848).

Fam. MEGAPODIIDÆ.

Genus TALEGALLUS, Lesson.

1447. T. CUVIERI, Lesson (Gould's *B. A.* Vol. V, pl. 77).
SYN. *Alectura Lathami*, Gray.
Catheturus australis, Swainson.
Meleagris Lindesayii, Jameson.
Nec Holland Vulture, Latham.
HAB. N. S. Wales.
A. Specimen presented by the Sydney Institution (1847).

Genus MEGAPODIUS, Quoy and Gaymard.

1448. M. NICOBARIENSIS, Blyth, *J. A. S.* XV, 52, 372.
HAB. Nicobar Islands.
A. B. Adults. Rev. J. Barbe (1846). *C.* Chick. Capt. Lewis (1846).

Fam. PHASIANIDÆ.

Subfam. PAVONINÆ.

Genus PAVO, L.

1449. P. CRISTATUS, L. (*Pl. Enl.* 433, 434).
SYN. *P. assamensis*, McClelland, *Ind. Rev.* 1838, p. 513.
Mayura, B.; Maur, H.; *Mra*, or *Marak*, Sum. (Raffles).
HAB. India generally; Asám; Chittagong; Burmah? Sumatra.
A. B. Adult males. *C.* Young male. *D.* Female. Bengal. Purchased (1842-4). *E. F.* Chicks. *G.* Domestic white female. *H.* Do., Chick. Presented by Babu Rajendra Mallicka (1848-9).

1450. P. MUTICUS, L. (Vieillot, (*Gal. des Ois., t.* 202).
SYN. *P. spiciferus*, Vieillot.
P. Aldrovandi, Wilson.
P. javanicus, Horsfield.
P. japonensis, Brisson.
Oo-doung, Arakan; *Pegu Mayura*, B.; *Merak*, Java.

Hab. Burmese and Malay countries; northward to Arakan.
A. Young male, from Arakan: purchased (1846). *B.* Female (remarkably bright). From Penang. Presented by the Curator (1847). *C.* Chick. Babu Rajendra Mallicka (1848). *D.* Hybrid chick, produced from female of *P. indicus*, by male of *P. muticus*. Babu Rajendra Mallicka (1849).

Genus Meleagris, L.

1451. M. gallopavo, L. (Wilson's *Am. Orn.*, Bonap. *Cont.* p. 9).
Syn. *M. sylvestris*, Vieillot.
Gallopavo sylvestris, Catesby.
Peru, B., H.
Hab. N. America.
A. Indian domestic variety, male. J. W. Laidlay, Esq. (1847). *B.* English white variety, female. Raja Baddinath Roy (1848).

Subfam. POLYPLECTRONINÆ.

Genus Ceriornis, Swainson.

1452. C. melanocephala (Gould's '*Century*,' pl. 63, 64, 65).
Syn. *Satyra melanocephala* et *Phasianus nipalensis*, Gray.
Tragopan Hastingsii, Vigors.
Jewar, Jewari, Simla.
Hab. N. W. Himalaya.
A. Male, in breeding state (with caruncles and gular skin developed). Presented by H. W. Torrens, Esq. (1841). *B.* Adult male (with gular skin undeveloped). *C.* Young male. *D.* Female. Presented by the Curator (1847).

1453. C. satyra (Gould's '*Century*,' pl. 62).
Syn. *Meleagris satyra*, L.
Satyra Lathami et *Pennantii*, Gray.
S. cornuta, G. R. Gray.
Dafia, Beng. (Bhotea?)
Hab. S. E. Himalaya (Nipal, Sikim).
A. Male, in breeding state (with caruncles and gular skin developed). Presented by Mr. Webb (1845). *B.* Another (gular skin, &c., undeveloped). From the Barrackpore Menagerie (1844). *C.* Another, presented by the Curator (1843). *D. E.* Females. Do. (1843).

1454. C. Temminckii (Hardwicke's *Ill. Ind. Zool.*)
Syn. *Satyra Temminckii*, Gray.
Hab. China.
A. Male (in breeding state). *B.* Female. Presented by Babu Rajendra Mallicka (1849).

Genus ITHAGINIS, Wagler.

1455. I. CRUENTUS (Hardwicke's *Ill. Ind. Zool.*; Tem. *Pl. Col.* 332).
SYN. *Phasianus cruentus*, Wagler.
Ph. Gardnerii, Hardwicke (female).
HAB. Nepal.
A. Male. *B.* Female. B. H. Hodgson, Esq. (1842).

Genus GALLOPERDIX, Blyth. (*Spur-fowl* of sportsmen.)

1456. G. ZEYLONENSIS (Pennant's *Ind. Zool.* pl. 7).
SYN. *Tetrao zeylonensis*, Gmelin.
T. bicalcaratus, Pennant.
Aban or *Saban Cuccula*, Cingh.
HAB. Ceylon.
A. Male. Presented by R. Templeton, Esq. (1847).
B. Another. E. L. Layard, Esq. (1848).

1457. G. LUNULOSA (Hardwicke's *Ill. Ind. Zool.*; Delessert, *Voy. aux Indes*, pl. 10; Jerdon, *Ill. Ind. Orn.*, pl. 42, the female).
SYN. *Perdix lunulosa*, Valenciennes.
P. et *Plectrophorus Hardwickii*, Gray.
Francolinus nivosus, Delessert.
Jitta Kodi, Telugu.
HAB. Rajmahl; C., W., and S. India.
A. B. C. D. E. Males. *F. G.* Females. *H.* Young male. Presented by C. Fraser, Esq., T. C. Jerdon, Esq., and (fresh) by the Curator (1844-6).

1458. G. SPADICEUS (Hardwicke's *Ill. Ind. Zool.*, the female).
SYN. *Tetrao spadiceus*, Gmelin.
T. madagascariensis, Scopoli.
Polyplectron Northiæ, Gray (the female).
HAB. C. and S. India.
A. B. C. Adult males. *D. E.* Females. *F. G.* Young males. *H.* Young female. Presented by Capt. S. R. Tickell, T. C. Jerdon, Esq., and (fresh) by the Curator (1842-6).

Genus POLYPLECTRON, Temminck.

1459. P. CHINQUIS, Temminck (*Pl. Col.* 539), apud G. R. Gray.
SYN. *P. albo-ocellatum*, Cuvier.
P. lineatum, Gray, the female.
Pavo tibetanus, L.
Peacock Pheasant from China (*?*), Edwards, pl. 67, 69.
Doung-kula, Arakan: *Mo-nuwur*, and *Day-o-da-huk*.
HAB. Asám, Sylhet, Arakan, Tenasserim.
A. B. Males. *C. D.* Females. *E.* Young male. From the Barrackpore menagerie, and Babu Rajendra Mallicka (1843-7).

1460. P. BICALCARATUM (Hardwicke's *Ill. Ind. Zool*).

SYN. *Pavo bicalcaratus*, L.
P. malaccensis, Scopoli.
P. Hardwickii, Gray.
Kuaow Charman, Malay, Sum.

HAB. Malayan peninsula; Sumatra.

A. B. Males. *C. D.* Females. From Malacca. Rev. F. W. Lindstedt and R. W. G. Frith, Esq. (1844-6). *E.* Young male. Penang. A. Campbell, Esq. (1844).

Genus ARGUS, Temminck.

146J. A. GIGANTEUS, Temminck (Vieillot, *Gal. des Ois., t.* 203; Jardine and Selby, *Ill. Orn., n. s.*, pl. 6).

SYN. *Phasianus argus*, L.
A. pavoninus, Vieillot.
Malay Peacock, Latham.
Kuaow, Malay; Sum.

HAB. Malayan peninsula; Sumatra. (Nec Sylhet, as stated by Hardwicke, *MS.* in Brit. Mus.)

A. B. Males. *C. D.* Females. From Malacca. Presented by J. L. H. Gray, Esq. and the Rev. F. W. Lindstedt (1842—4). *E.* Young Male. From the Barrackpore Menagerie (1845).

Subfam. PHASIANINÆ.

Genus GALLUS, L. (apud G. R. Gray).
Murgh, female *Murghi*, H.: *Ayam*, Malay.

1462. G. FERRUGINEUS.

SYN. *Tetrao ferrugineus*, Gmelin.
G. bankiva, Temminck.
Phasianus gallus, L.,—Domestic varieties (among which are *G. giganteus, morio, crispus, ecaudatus, pumilus, plumipes, cristatus, pentadactylus, pusillus, lanatus*, &c.).
Hackled Partridge, Latham—the hen.
Bán Murgh, or *Jungli Murgh*, H.; *Bán Kokra*, of Santals; *Ayám utan*, Malay; *Brooga*, Sum.; *Bengkiwo*, or *Bekikko*, Java.

HAB. Jungly districts of all N. India, from valleys of sub-Himalayan region southward to the Vindhyian range and the N. Circars; Asám; Burmese and Malay countries: Turkestan? (Vide *J. A. S.* VIII, 1007).

A. Indian race, with white ear-lappet in living specimens (vide *Ann. Mag. N. H.* XX, 389). *A.* Male, from Huzarabagh. *B.* Female, from Mednapur district. Presented by the Curator (1844-7). *C.* Male (with spurs 1½ in. long), from Vizagapatam. Capt. Roger Rollo (1847). *D.* Female, with spurs ¾ in. long. Chaibasa. Capt. S. R. Tickell (1842). *E.* Young male. *F.* Head

and neck of male after the breeding season, when the nuchal hackles are replaced by short blackish feathers (vide *Ann. M. N. H., n. s.*, I, 455). Presented by the Curator (1846-8).—B. Pale sub-Himalayan race (vide *Ann. M. N. H.*, XX, 289). *G.* Male. *H. I.* Females. From a Masuri collection (Deyra Doon)? Presented by the Curator (1847).—C. Deep-coloured Malayan race. *J.* Male. *K.* Female. From Malacca. Rev. F. W. Lindstedt (1845). *L.* Male, from Java. J. Middleton, Esq. (1839).—D. Domestic varieties. *M.* Male, coloured similarly to the wild bird.. *N.* Very large Chittagong cock. *O.* English hen, with spurs. R. W. G. Frith, Esq. (1846-8). *P.* Singular individual (?) variety, from Mergui, described as *G. pseudhermaphroditus, J. A. S.* X, 925. Rev. J. Barbe (1841). *Q. R.* Burmese Bantam chicks (1847).

1463. G. Stanleyi, Gray (Hardwicke's *Ill. Ind. Zool.*,—the hen).

Syn. *G. Lafayettei*, Lesson.

G. lineatus, Blyth, mentioned *J. A. S.* XVI, 387.

Welle Cuccula, Cingh.

Hab. Ceylon.

A. Male. Presented by E. L. Layard, Esq. (1848). *B.* Female. R. Templeton, Esq. (1847).

1464. G. Sonneratii, Tem. (*Pl. Col.* 232, 233).

Syn. *Phasianus gallus* apud Sonnerat.

Ph. indicus, Leach.

Jungli Murgh, S. India.

Hab. Peninsula of India.

A. Male. *B.* Female. *C.* Male (in moult, the hackles beginning to replace the short grey-brown plumes which clothe the neck after the breeding season). *D.* Young male, $\frac{1}{3}$ grown. Presented (fresh) by the Curator (1844-7). Hybrids produced between specimen *C.* and picked domestic hens of *G. ferrugineus*. *E.* Adult male. *F.* Adult female. *G. H. I. J. K.* Young of different ages. Presented by the Curator (1847).

Genus Euplocomus, Temminck.

1465. Eu. ignitus (Macartney's *Emb. to China*, pl. 13).

Syn. *Phasianus ignitus*, Shaw.

Gallus Macartneyi, Temminck.

Ph. rufus, Raffles (the female).

Jugang, Sum.

Hab. Malayan peninsula; Sumatra.

A. Male. *B.* Female. From near Penang. Presented (fresh) by the Curator (1846). *C.* Male. Society's old collection.

1466. Eu. NYCTHEMERUS (*Pl. Enl.* 123, 124).
SYN. *Phasianus nycthemerus*, L.
Nycthemerus argentatus, Swainson.
HAB. China.
A. Male. Purchased (1845). *B. C.* Females, presented by Babu Rajendra Mallicka (1849).

1467. Eu. LINEATUS (Belanger, *Voy. Ind. Orient., Zool.*, pl. 8, 9).
SYN. *Phasianus lineatus*, Latham.
Ph. Reynaudii, Lesson.
Ph. fasciatus, McClelland, *Calc. Journ. N. H.* II, 146.
Yeet, Arakan.
HAB. Burmese countries (Arakan, Tenasserim, Pegu).
A. Male. *B*. Female. From the Barrackpore Menagerie (1844-6).—Series grading into the following species, No. 1468. *C*. Male. (Back darker, white stripes on flanks reduced, but no whitish margins to rump-feathers; vide Jardine and Selby, *Orn. Ill., n. s*, pl. 12). *D*. Female (white medial stripes to feathers of under-parts, but no white margins). Arakan. Capt. Phayre (1843-5). *E*. Male (still darker, no white stripes on flanks, and rump-feathers margined with whitish). Barrackpore Menagerie (1844). *F*. Male (again much darker, no white stripes on flanks, and the rump-feathers more conspicuously margined with whitish). Barrackpore Menagerie (1844). *G*. Female. (Hardly distinguishable from that of next, except by the characteristic whitish interior webs of medial rectrices). Arakan, Capt. Phayre (1844). *H*. Male. (Like No. 1468, except that there is a slight speckling of whitish on the upper-parts, and the inner or upper web of the medial rectrices is still white; in which last respect only it differs from *Lophophorus Cuvieri*, Tem., Griffith's Transl. *An. Kingd.* VIII, p. 154, pl.). From Arakan. Presented by the Curator (1847).

1468. Eu. HORSFIELDI (Gray's *Ill. Gen. Birds*, pl.).
SYN. *Gallophasis Horsfieldi*, G. R. Gray.
Mut'hura; Purple Pheasant of Europeans.
HAB. Asám; Sylhet.
A. Male. *B*. Female. Asám. Major Jenkins (1844). *C*. Male. *D*. Females. Presented by the Curator (1846).

1469. Eu. MELANOTUS, Blyth (noticed *J. A. S.* XVII, 694).
Kalij Pheasant of Darjiling.
HAB. Sikim.
A. Male. *B*. Female. Mr. Webb (1845). *C*. Male. *D*. Young male. *E*. Chick, ¼ grown. Presented by the Curator (1846-9).

1470. Eu. ALBOCRISTATUS, (Gould's '*Century*,' pl. 66, 67).
SYN. *Phasianus albocristatus*, Vigors.

Ph. Hamiltonii, Gray (Hardw. *Ill. Ind. Zool.*)
Kalij of Simla, Masuri, &c.; also *Murgh-Kalij*, and *Kukera*.

HAB. N. W. Himalaya.

A. Male. *B*. Younger male. *C. D*. Females. Presented by R. W. G. Frith, Esq., and by the Curator (1842-4).—Series grading into the preceding species (*Ph. leucomelanos*, Lath). HAB. Nepal. *E*. Male (crest black, and rump-feathers but narrowly margined with white). *F. G*. Females. Nepal. B. H. Hodgson, Esq. (1842).

1471. EU. ERYTHROPTHALMOS (Hardw. *Ill. Ind. Zool.*—the female).
SYN. *Phasianus erythropthalmos*, Raffles.
Ph. purpureus, Gray (the female).
Pagar, Malay; *Mira Mata*, Sum.
HAB. Malayan peninsula; Sumatra.
A. Male. *B*. Female. Presented by the Curator (1845). *C*. Young male. *D*. Female. From Malacca. Rev. F. W. Lindstedt (1844).

Genus PHASIANUS, L.

Subgenus PUCRASIA, G. R. Gray.

1472. P. MACROLOPHA (Gould's '*Century*,' pl. 69, 70).
SYN. *Satyra macrolopha*, Lesson.
Ph. pucrasia, Vigors, J. E. Gray.
Ph. pucrasse, Gray.
Tragopan Duvaucelei, Temminck.
Plas, Pukras, Koklas.
HAB. N. W. Himalaya (rare in Nepal).
A. Male. *B*. Female. Barrackpore Menagerie (1845). *C*. Male. *D*. Female, in masculine plumage. Nepal. B. H. Hodgson, Esq. (1842). *E*. Young female. Presented by the Curator (1847).

Subgenus PHASIANUS, as restricted.

1473. PH. WALLICHII (Gould's '*Century*,' pl. 68).
SYN. *Lophophorus Wallichii*, Hardwicke.
Phasianus Stacei, Vigors.
Chir, or *Cheor*, *Banchil*, *Herril*.
HAB. N. W. Himalaya.
A. Male. *B*. Female. Presented by Capt. Thomas (1845). *C*. Male. *D*. Female. Presented by the Curator (1847).

1474. PH. TORQUATUS, Gmelin (Hardw. *Ill. Ind. Zool*).
SYN. *Ph. albotorquatus*, Bonnaterre.
HAB. China.

A. Male. Presented by Babu Dwarkanath Tagore (1844). *B.* Another. Babu Rajendra Mallicka (1848). *C.* Another. Purchased (1843). *D.* Female (tail broken). Babu Rajendra Mallicka (1849). English breed more or less commingled with *Ph. colchicus*. *E.* Male. *F.* Female. (Tails imperfect). Babu Rajendra Mallicka (1849).

1475. PH. COLCHICUS, L. (*Pl. Enl.* 121, 122).
Kurgkaol, Pushtu.

HAB. W. Asia. (Abundant—though somewhat different from the European bird—on the Elburz Chain, N. of Persia). Now common in Europe.

A. Male. Presented by Sir W. Jardine, Bt. (1848). *B.* Female. Presented by Mr. Davison (1844).

Subgenus THAUMALEA, Wagler.

1476. TH. AMHERSTIÆ (G. R. Gray, *Ill. Gen. Birds*, pl. 125).
SYN. *Phasianus Amherstiæ*, Leadbeater.
HAB. Bordering regions of China and Tibet.
A. Imperfect skin of male. B. H. Hodgson, Esq. (1843).

Genus LOPHOPHORUS, Temminck.

1477. L. IMPEYANUS (Gould's '*Century*,' pl. 60, 61).
SYN. *Phasianus impeyanus*, Latham.
Ph. curvirostris, Shaw.
Lophophorus rufulgens, Temminck.
Monal, or *Ghur Monal*; *Murgh i zari* ('Golden Fowl'); *Murgh Muhshor*: male, *Ratkap*; female, *Monali*.
HAB. Himalaya generally: Kaffiristan (Burnes).
A. Male. *B. C.* Females. From the Barrackpore Menagerie (1844-5). *D.* Young male, assuming the adult dress. Presented by the Curator (1847).

Subfam. TETRAONINÆ.

Genus TETRAO, L.

Subgenus BONASA, Stephens.

1478. B. UMBELLUS (Wilson's *Am. Orn.*, pl. 49).
SYN. *Tetrao umbellus* et *T. togatus*, L.
T. umbelloides et *T. Sabini*, Douglas.
HAB. N. America.
A. Male, from Mr. Bartlett (1844).

1479. B. BETULINA (*Pl. Enl.* 474, 475; Gould's *B. E.* pl. 251).
SYN. *Tetrao bonasia*, L.
T. betulinus, Scopoli.
T. canus (?), Gmelin.
B. sylvestris et *rupestris*, Brehm.
B. europæa, Gould.

HAB. Europe.

A. Male, from Norway, procured in the London market. Mr. Bartlett (1843).

Subgenus TETRAO, L., as restricted.

1480. T. UROGALLUS (*Pl. Enl.* 73, 74; Gould's *B. E.* pl. 248).

SYN. *Urogallus major*, Lesson.

HAB. Pine forests of N. Europe and Asia.

A. Male. *B.* Female. Presented by the Christiania University (1844). *C.* Another male. Mr. Bartlett (1843). HYBRID between *T. urogallus* and *T. tetrix*,—the *T. hybridus*, L., *T. medius*, Leisler, *T. intermedius*, Langsdorff, and *T. urogalloides*, Nilsson (Gould's *B. E.* pl. 249). *D.* Male, from the Christiania University (1844).

1481. T. TETRIX, L. (*Pl. Enl.* 172, 173; Gould's *B. E.*, pl. 250; Jardine and Selby, *Orn. Ill., n. s.*, pl. 47, 53,—females in partly male plumage).

HAB. N. Europe and Asia.

A. B. C. Males. *D. E. F.* Females. Presented by the Christiania University, Sir W. Jardine, Bt., and Mr. W. Davison (1844-9).

1482. T. CUPIDO, L. (Wilson's *Am. Orn.* pl. 27, f. 1).

HAB. N. America.

A. Female. Mr. Bartlett (1848).

Genus LAGOPUS, Brisson.

1483. L. SCOTICUS (Gould's *B. E.* pl. 252).

SYN. *Tetrao scoticus*, Latham.

HAB. British Islands (exclusively).

A. B. C. Males. *D. E. F.* Females. Presented by Sir W. Jardine, Bt., Mr. Davison, and Mr. Bartlett (1843-8).

1484. L. ALBUS (Edwards, pl. 72; Gould's *B. E.* pl. 255).

SYN. *Tetrao albus* et *lapponicus*, Gmelin.
T. lagopus apud Retz.
L. subalpinus, Nilsson.
T. saliceti, Temminck.

HAB. Northern regions, and mountains of Europe and N. America.

A. Female. Perfect winter dress. From the Christiania University (1844). *B.* Another, killed in autumn; parti-coloured, assuming the white plumage. Society's old collection.

1485. L. MUTUS, Leach (*Pl. Enl.* 129, 494; Gould's *B. E.* pl. 253, 254).

SYN. *Tetrao lagopus*, L.
T. rupestris apud Gould?
Lagopus alpinus, Nilsson.
L. vulgaris, Vieillot.
L. *americanus*, Audubon, apud G. R. Gray.

HAB. Snowy regions of Europe and N. America (?).

A. Male. Perfect winter dress. *B.* Female, autumn dress, but retaining many feathers of breeding plumage, and putting forth white feathers. From the Alps. M. Malherbe (1848). *C.* Specimen in autumn plumage. From Scotland. Mr. W. Davison (1844). *D.* Another. Sir W. Jardine (1848). *E. F.* Others. Mr. Bartlett (1843).

1486. L. ISLANDORUM.

SYN. *Tetrao islandorum*, Faber.
T. hyperboreus, Temminck (?).

HAB. Iceland.

A. B. Specimens presented by M. Malherbe (1848).

Genus TETRAOGALLUS, Gray.

1487. T. HIMALAYENSIS, G. R. Gray (Hardw. *Ill. Ind. Zool.*; Jardine and Selby, *Orn. Ill.* pl. 141, nec pl. 76, nec G. R. Gray, *Ill. Gen. Birds**).

SYN. *T. Nigelli* of Himalaya, Auctorum.

HAB. Himalaya; Hundu Kosh; Afghanistan.

Jer Monal, N. W. Himalaya, or *Snow Pheasant* of sportsmen: *Kulk-i-duri*, Pushtu.

A. Male. Presented by the Curator (1848). *B.* Female. *C.* Chick. Presented by G. T. Lushington, Esq. (1844-6).

Genus LERVA, Hodgson.

1488. L. NIVICOLA, Hodgson.

SYN. *Perdix lerva*, Hodgson, *P. Z. S.* 1803, p. 107.
Quoir Monal. Snow Partridge of sportsmen.

HAB. Snow-region of Himalaya.

A. Male. *B.* Female. Presented by Capt. Thomas, 39th N. I. (1845). *C.* Male. *D.* Female. Presented by the Curator (1848). *E.* Young. Mr. Borlase (1849).

* These have since been united by Mr. G. R. Gray; but of some dozens of specimens we have seen from Afghanistan eastward to Sikim, all were quite similar, and corresponded neither with the Persian species (*T. caucasica*, v. *Nigelli*), nor with the Altai species (*T. altaica*) as described, nor very decidedly with the figure published by Messrs. Mitchell and G. R. Gray, which should represent a fourth species.

BRANCH OF THE ASIATIC

Subfam. PTEROCLINÆ.

Genus PTEROCLES, Temminck.

(*Bur-titur*, H. *Whistling Grouse*, or *Rock Pigeons* of sportsmen in India).

1489. PT. ARENARIUS (*Pl. Col.* 52, 53).

SYN. *Tetrao arenarius*, Pallas.
Perdix aragonica, Latham.
Bonasa pyrenaica, Brisson.
Buklit, H.; *Khyrgut*, or *Sya-rim*; also *Tuturuk* (expressive of cry), and *Bovra Kurra* ('black-breast'), Afghanistan. *Sand Grouse* of sportsmen.

HAB. Desert regions of Asia, S. Europe, and N. Africa.
A. Male. *B.* Female. From Ludiána. Capt. Boys (1845). *C.* Male, from Afghanistan. Barrackpore Menagerie (1846).

1490. PT. FASCIATUS (Jerdon's *Ill. Ind. Orn.*, pl. 10, 36).

SYN. *Tringa fasciata*, Scopoli.
Tetrao indicus, Gmelin.
Perdix indica, Latham.
Œnas indicus et *bicinctus*, Vieillot.
Pterocles quadricinctus, Temminck.
Hundsgri, H.; *Polunkar*, Telugu; *Kelkudari* (Rock Partridge), Tamul. *Painted Grouse* of sportsmen.

HAB. Hindustan generally.
A. B. C. Males. *D. E.* Females. S. India. T. C. Jerdon, Esq. (1842—4).

1491. PT. ALCHATA (*Pl. Enl.* 105, 106).

SYN. *Tetrao alchata*, L.
T. caudacutus, Gmelin.
T. chata, Pallas.
Œnas cata, Vieillot.
Pt. caspius, Menetries.

HAB. Middle Asia; Afghanistan; Syria; Spain; N. Africa.
A. Male, from Spain. M. Malherbe (1848).

1492. PT. EXUSTUS, Temminck (*Pl. Col.* 354, 360).

SYN. *Pt. senegalensis*, Lichtenstein.
Bur Tetur and *Kumar Tetur* H.; *Buttator*, Sindh; *Sassinia*, Afghanistan.

HAB. Hindustan; M. and W. Asia; S. Europe; N. Africa.
A. B. Males. *C.* Female. S. India. T. C. Jerdon, Esq. (1844).

Subfam. PERDICINÆ.

Titr or *Tetur* (root of *Tetrao*), H.; *Kha*, Arakan.

A. Guinea-fowl.

Genus NUMIDA, L.

1493. N. MELEAGRIS, L. (*Pl. Enl.* 108).

SYN. *N. galeata*, Pallas.

HAB. Africa.

A. B. Domestic adults, typically coloured. Presented by R. W. G. Frith, Esq. (1844). *C.* Chick. Presented by the Curator (1843). *D. E.* Domestic white variety. Babu Rajendra Mullicka (1846-8). *F.* HYBRID between male Guinea-fowl and common hen: reared and presented by C. S. Bonnevie, Esq. (1844).

B. African type of Partridges, mostly double-spurred.

Genus PTERNESTIS, Wagler.

Subgenus PTERNESTIS, as restricted.

1494. PT. NUDICOLLIS.

SYN. *Tetrao nudicollis*, Gmelin.
T. capensis, Gm., apud Stephens.

HAB. S. Africa.

A. Male. *B.* Female. Presented by J. F. Cathcart, Esq. vide VII, 581 (1848).

Subgenus CLAMATOR, Blyth.

1495. CL. CAPENSIS.

SYN. *Tetrao capensis*, Gmelin.
Perdix clamator, Temminck.
Pheasant of Cape Colonists.

HAB. S. Africa.

A. Male. *B.* Female. Presented by J. F. Cathcart, Esq. (1838), *As. Res.* XVII, 621.

Subgenus SCLEROPTILA, Blyth.

1496. SCL. LEVAILLANTII (*Pl. Col.* 477; A. Smith, *Zool. S. Africa, Aves*, pl. 85).

SYN. *Perdix Levaillantii*, Temminck.

HAB. S. Africa.

A. Female, presented by J. F. Cathcart, Esq. (1838).

1497. SCL. AFRA.

SYN. *Perdix afra*, Latham.

HAB. S. Africa.

A. Male. *B. C.* Females. Presented J. F. Cathcart, Esq. (1838).

C. Francolins.

Genus FRANCOLINUS, Brisson, Stephens.

Div. 1. *With stouter bills.*

1498. FR. PINTADEUS.

SYN. *Tetrao pintadeus*, Scopoli.
T. madagascariensis, Gmelin (nec Scopoli).
Pintado Partridge, Mauritius.

HAB. Mauritius.

A. Male. Presented by Willis Earle, Esq. (1843).

1499. Fr. sinensis.
Syn. *Tetrao sinensis*, Osbeck.
T. perlatus, Gmelin.
Perdix Phayrei, Blyth, mentioned *J. A. S.* XII, 1011.
Hab. Indo-China; China.
A. Male, from Pegu. Presented by Capt. Phayre (1844).

Div. 2. *With less robust bills.*

1500. Fr. vulgaris, Stephens (*Pl. Enl.* 147, 148).
Syn. *Tetrao francolinus*, L.
Kala Tetur, H.; *Mushki Tetur*, Urdu; *Durraz* (Burnes). *Black Partridge* of sportsmen.
Hab. N. India; Afghanistan; Persia; Syria; Cyprus; Sicily.
A. B. Males. *C. D.* Females. *E.* Chick. Bengal. Presented by the Curator (1844-7). *F.* Pale female, from near Kandahar, (vide *J. A. S.* XVI, 785). Capt. Hutton (1849).

1501. Fr. pictus (Jardine and Selby, *Orn. Ill.* pl. 50).
Syn. *Perdix picta*, Jardine and Selby.
P. Hepburnii, Gray, Hardw. *Ill. Ind. Zool.*
Painted Partridge of sportsmen.
Hab. Peninsula of India, where replacing No. 1500.
A. B. Males. *C.* Female. C. India. C. Fraser, Esq. (1843). *D.* Female. S. India. T. C. Jerdon, Esq. (1844).

D. Rock Partridges.

Genus Caccabis, Boie.

1502. C. rufa (*Pl. Enl.* 150).
Syn. *Tetrao rufus*, L.
Hab. Europe.
A. Specimen from Mr. Bartlett (1843).

1503. C. chukar (Gould's '*Century*,' pl. 71).
Syn. *Perdix chukar*, Gray.
Chacura pugnax, Hodgson, *Madr. Journ.* 1837, p. 305.
Chukor, H. (from voice); *Kulk*, or *Zirk*, Pushtu.
Hab. Himalaya; Afghanistan.
A. B. Males. *C.* Female. From the Barrackpore Menagerie and Babu Rajendra Mallicka (1843-7).

1504. C. græca (Gould's *B. E.* pl. 261, f. 2).
Syn. *Tetrao græca*, L.
Perdix saxatilis, Bechstein.
Hab. S. E. Europe; Asia minor.
A. B. Specimens from Italy. M. Malherbe (1848).

E. Ordinary Partridges.

Genus Perdix, Brisson.

1505. P. gularis, Tem. (Hardw. *Ill. Ind. Zool*).
Jungli Titr, H. *Wood Partridge*, and *Bengal Chikor* of sportsmen.

HAB. Banks of Ganges.
A. Male. *B.* Female. Purchased (1842). *C.* Female, from Rungpore. C. S. Bonnevie, Esq. (1846).

1506. P. PONTICERIANA (*Pl. Col.* 213; Hardw. *Ill. Ind. Zool*).
SYN. *Tetrao pondicerianus*, Gmelin.
Perdix orientalis, Gray.
Gora Titur, H. *Grey, Common*, or *Scavenger Partridge* of sportsmen.
HAB. India generally; Ceylon. (Never on the E. side of the Bay of Bengal).
A. B. C. Males. *D.* Female. *E. F. G.* Young of different ages. Presented by the Curator (1843-6).

1507. P. THORACICA, Tem.
HAB. ? (not India, as stated).
A. Male. Society's old collection.

1508. P. CINEREA, Latham (*Pl. Enl.* 27).
SYN. *Tetrao perdix*, L.
T. montana, Gmelin.
P. damascena, Latham.
HAB. Europe.
A. Male. From the Christiania University (1849). *B.* Female, from England. Mr. W. Davison (1844).

Genus RHIZOTHERA, G. R. Gray.

1509. RH. CURVIROSTRIS (Hardw. *Ill. Ind. Zool.*—the female).
SYN. *Tetrao curvirostris*, Raffles.
Perdix longirostris, Temminck.
Janting, Sum.
HAB. Malayan peninsula; Sumatra.
A. Male. *B.* Female. From Malacca. Presented by Mr. E. Lindstedt (1847).

F. Wood Partridges.

Genus ARBORICOLA, Hodgson.

1510. A. TORQUEOLA (*Pl. Col.* 462, 463; Hardw. *Ill. Ind. Zool.*—male).
SYN. *Perdix torqueola*, Valenciennes.
P. megapodia, Temminck.
P. olivacea, Gray.
Peura, Bán Tetra, N. W. Himalaya. *Green* or *Hill Partridge* of sportsmen.
HAB. Himalaya.
A. B. Males (rufous-crowned). *C.* Female. *D.* Younger female (rufous-throated). *E.* Half-grown male. From near Simla. Presented by Capt. Thomas and by the Curator (1845-8).

1511. A. RUFOGULARIS, Blyth, *J. A. S.* XVIII, p.
HAB. Sikim (at a lower altitude than the preceding race.)
A. B. Males (crown brown, throat rufous spotted and *margined below* with black; bars on plumage obsolete). *C.* Female. (Very like female of No. 1510). From Darjiling. Presented by Mrs. Oakes and by Mr. Webb (1843-5).

1512. A. ATROGULARIS, Blyth, *J. A. S.* XVIII, p.
HAB. Hill regions of Asám, Sylhet, and Arakan.
A. B. Males. (Crown grey-brown, throat black, below it white with black drops). *C.* Female. (Much black on throat, below rufous). From Arakan. Presented by Capt. Phayre (1843-5).

1513. A. (?) CHARLTONI.
SYN. *Perdix Charltoni*, Eyton, *Ann. Mag. N. H.* XVI, 230.
HAB. Penang.
A. Specimen presented by Dr. A. Campbell (1845).

Genus ROLLULUS, Bonnaterre.

1514. R (?) OCELLATUS (Hardw. *Ill. Ind. Zool*).
SYN. *Tetrao ocellatus*, Raffles, *Lin. Tr.* XIII, 322.
Perdix oculea, Temminck.
Troong, Sum.
HAB. Tenasserim provinces; Malayan peninsula; Sumatra.
A. Specimen from Tenasserim, presented by Capt. Berdmore, Madras Artillery (1849).

1515. R. CRISTATUS (*Pl. Col.* 350, 351).
SYN. *Columba cristata*, Gmelin.
Phasianus roulroul, Scopoli.
Perdix coronata, Latham.
Tetrao porphyrio, Shaw.
T. viridis, Gmelin—female.
Soal, Bestum, Malay; *Beniol*, Sum.
HAB. Tenasserim provinces; Malayan peninsula; Sumatra.
A. B. Males, from Malacca. Presented by the Rev. F. W. Lindstedt (1845). *C.* Female. Presented (fresh) by the Curator (1842).

1516. R. NIGER (Belanger's *Voyage*, *t.* 7, male,—Hardw. *Ill. Ind. Zool.*,—female).
SYN. *Cryptonyx niger*, Vigors, *Zool. Journ.* IV, 349. } Male.
C. Dussumieri, Lesson. }
C. ferrugineus, Leadbeater, *Lin. Tr.* XVI, 349. } Female.
Perdix æruginosa, Eyton. *P. Z. S.* 1839, p. 106. }
Hole, Malay.
HAB. Malayan peninsula; Sumatra.
A. Male. *B.* Female. Rev. F. W. Lindstedt (1845).

G. Dwarf Partridges.

Genus PERDICULA, Hodgson.
Bush Quails of Sportsmen.

1517. P. ASIATICA (*Trans. Zool. Soc.* II, pl. 3,—not good).
SYN. *Coturnix pentah*, Sykes.
Perdix asiatica et *cambaiensis* (?), Latham.
Lowa, H. *Common Bush Quail* of sportsmen: *Rock Quail*, S. India.
HAB. India generally.
A. B. Males. *C. D.* Females. *E. F.* Young. Presented (fresh) by the Curator (1842-6).

1518. P. ARGOONDAH (*Trans. Zool. Soc.* II, pl. 2,—not good).
SYN. *Coturnix argoondah*, Sykes.
Perdix rubiginosa (?), Valenciennes.
Geerza, H. *Forest Quail.*
HAB. S. India.
A. Male. *B.* Female. Presented by T. C. Jerdon, Esq. (1843).

H. Colins, or American Partridges.

Genus ORTYX, Stephens.

1519. O. VIRGINIANA (*Pl. Enl.* 149; Wilson's *Am. Orn.* pl. 47, f. 2).
SYN. *Tetrao virginianus*, *T. marilandicus* et *T. mexicanus*, L.
Perdix borealis, Temminck.
HAB. N. America.
A. Specimen from Mr. Bartlett (1843).

I. Quails. *Battér*, H.

Genus COTURNIX, Mœrrhing.
Subgenus SYNOICUS, Gould.

1520. S. AUSTRALIS (Gould's *B. A.* Vol. V, pl. 89).
SYN. *Perdix australis*, Temminck.
HAB. N. S. Wales, S. Australia, and V. D. Land.
A. B. Specimens presented by the Sydney Institution (1845). *C.* Another. Purchased (1847).
Subgenus COTURNIX.

1521. C. COMMUNIS, Bonnaterre (*Pl. Enl.* 170).
SYN. *Tetrao coturnix*, L.
C. major, Brisson.
C. dactylisonans, Temminck.
C. europæus, Swainson.
C. vulgaris, Jardine.
Ghaghus, H. (Jerdon). *Common Quail* of sportsmen.
HAB. Europe, Asia, Africa: common in India (nec Malasia).
A, B. Males. *C.* Female. From the vicinity of Calcutta (1842).

1522. C. PECTORALIS, Gould (*B. A.* Vol. V, pl. 88).
HAB. Australia generally; V. D. Land.
A. Male. *B. C.* Females. From Pt. Philip. Mr. Benson (1846).

1523. C. COROMANDELICA (*Pl. Col.* 35).
SYN. *Tetrao coromandelicus*, Gmelin.
C. textilis, Temminck.
Rain Quail of sportsmen.
HAB. India generally.
A. B. C. Males. *D.* Female. Vicinity of Calcutta (1842-6).

1524. C. CHINENSIS (Gould's *B. A.* Vol. V, 92).
SYN. *Tetrao chinensis*, L.
T. manillensis, Gmelin.
Coturnix philippensis, Brisson.
C. excalfatoria, Temminck.
C. flavipes, Blyth, *J. A. S.* XI, 808,—the female.
Pikau, Malay; *Chaun-chan*, China; *Painted Quail* of sportsmen.
HAB. S. E. Asia and its islands; Australia. Common in the Malay countries; less so in Bengal; rare in S. India; Ceylon.
A. B. Males. *C. D.* Females. From the vicinity of Calcutta (1843-6).

1525. C. (?) ERYTHRORHYNCHA, Sykes (*Zool. Trans.* Vol. II, pl. 1).
Kokui Lowa, H. (Jerdon). *Red-billed* or *Black Quail* of Nilgiris.
HAB. Nilgiris; Malabar.
A. B. Males. *C.* Female. T. C. Jerdon, Esq. (1842-8).

Fam. TINAMIDÆ (?)

Subfam. TURNICINÆ.

Genus TURNIX, Bonnaterre.
Button Quails of sportsmen.

1526. T. OCELLATUS (Sonn. *Voy. t.* 23).
SYN. *Oriolus ocellatus*, Scopoli.
Tetrao luzonensis, Gmelin.
Hemipodius thoracicus, Temminck.
H. atrogularis, Eyton (the female), and *H. taigoor* apud Eyton (the male), *P. Z. S.* 1839, p. 107.
H. pugnax (?), Temminck (*Pl. Col.* 60, f. 2), apud G. R. Gray, *Brit. Mus. Catal.*, and Strickland, *Ann. Mag. N. H.* XX, 135.
Pochio, Malay; *Puyu*, Sum.; *Drigul*, male, *Gomma*, female, Java.
HAB. Himalaya (Almorah, Nepal, Sikim); Burmese and Malay countries; Philippines. (*N. B.* Himalayan, Burmese, and Malayan examples are perfectly similar).

A. Female, from Almorah. Capt. McDonald (1844). *B.* Do., from Darjiling. Mr. Webb (1845). *C.* Male, presented by the Batavian Society (1845). *D. E. F.* Males. *G H. I.* Females. Rev. F. W. and Mr. E. Lindstedt (1844-8).

Rufous variety from S. India and Ceylon (*Zool. Trans.* Vol. II, pl. 4).

Syn. *Hemipodius taigoor*, Sykes,—the male, and *H. pugnax* apud Sykes and Jerdon,—the female.

J. K. L. Females from S. India. T. C. Jerdon, Esq. *M.* Do., from Ceylon. E. L. Layard, Esq. (1848).

Small pale variety common in L. Bengal. (*T. bengalensis*, Blyth). *Salni gundru*, Muttra. *N. O. P.* Males. *Q. R. S.* Females. *T. U. V.* Young. Vicinity of Calcutta (1843-6).

1527. T. varia (Gould's *B. A.* Vol. V, pl. 82).

Syn. *Perdix varia*, Latham.

Hab. N. S. Wales; S. and W. Australia; V. D. Land.

A. Specimen (now in bad order). Presented by W. Cracroft, Esq. (1839). *B.* Another, from Pt. Philip. Mr. Benson (1846).

1528. T. ? (Allied to *T. melanotus*, Gould's *B. A.* Vol. V, pl. 84).

Hab. ?

A. Specimen in the Society's old collection.

1529. T. andulusica (Gould's *B. E.* pl.).

Syn. *Tetrao andulusicus* et *gibraltaricus*, Gmelin.
Hemipodius lunatus et *tachydromus*, Temminck.

Hab. Spain; Sicily; Barbary.

A. Specimen from Algeria. M. Malherbe (1848).

1530. T. dussumieri (*Pl. Col.* 454, f. 2).

Syn. *Hemipodius Dussumieri*, Temminck.
H. maculosus (?), Temminck, apud G. R. Gray, *Brit. Mus. Catal.*
T. tanki, Buch. Hamilton, described *J. A. S.* XII, 181 (bis).
Bustard Quail of sportsmen.

Hab. India generally; Arakan.

A. B. Males, from the vicinity of Calcutta (1843). *C.* Female. Arakan. Capt. Phayre (1845).

1531. T. sykesi, A. Smith, *Zool. S. Africa*, art. *T. lipurana*.

Syn. *Ortygis Dussumieri* apud Jerdon, *Catal.*, and *J. A. S.* XI, 804.
Chimnaj ? H. (Muttra); *Tatu Buttera*, Sindh.

Hab. India generally: (L. Bengal?); Sindh.

A. B. Specimens from Nepal. B. H. Hodgson, Esq. (1842).

Order V. CURSORES.

Fam. CASUARIDÆ.

Genus CASUARIUS, L.

1532. C. GALEATUS, Vieillot (*Pl. Enl.* 313; *Menagerie du Museum*, pl.).
SYN. *Struthio casuarius*, L.
C. emu, Latham.
HAB. Moluccas.
A. Female. Presented by Raja Baddinath Roy (1848).

Genus DROMAIUS, Vieillot.

1533. DR. NOVÆ HOLLANDIÆ (Gould's *B. A.* Vol. VI, pl. 1).
SYN. *Casuarius novæ hollandiæ*, Latham.
Dr. ater, Vieillot.
Dromiceus australis, Swainson.
Dr. emu, Stephens.
HAB. Australia.
A. Young male (bred in Calcutta). *B.* Female (parent of preceding specimen). C. Prinsep, Esq. (1845-6).

Fam. STRUTHIONIDÆ.

Genus STRUTHIO, L.

1534. STR. CAMELUS, L. (*Pl. Enl.* 547; *Menagerie du Museum*, pl.).
Shutur-murgh ('Camel-fowl'), H.
HAB. Africa; Arabia?
A. Female. Presented by Rustomjee Cowasjee, Esq. (1847).

Order VI. GRALLATORES.

Tribe PRESSIROSTRES.

Fam. OTIDÆ.

Genus OTIS, L.

Subgenus HOUBARA, Bonap.

1535. H. UNDULATA (Gould's *B. E.* pl. ; *Acad. des Sciences*, 1787, pl. 10).
SYN. *Otis houbara*, Gmelin.
Psophia undulata, Jacq., *Voy.* t. 9.
HAB. Spain; N. Africa.
A. Specimen from Spain. M. Malherbe (1848).

1536. H. MACQUEENII (Hardwicke's *Ill. Ind. Zool*)., *J. A. S.* XVI, 786.

SYN. *Otis Macqueenii*, Gray.
Tilaor, H.; *Dugdaur*, Pushtu, *Hurriana Floriken* of sportsmen.

HAB. C. and W. deserts of India; Afghanistan.

A. Female (?), presented by Capt. Hutton (1848), and described *J. A. S.* XVI, 789.

1537. H. (?) RUFICRISTA (A. Smith, *S. African Zoology, Aves*, pl. 4).

SYN. *Otis ruficrista*, A. Smith.

HAB. S. Africa.

A. Female. Presented by J. F. Cathcart, Esq. (1836).

Subgenus EUPODOTIS, Lesson.

1538. EU. RUFICOLLIS.

SYN. *Otis ruficollis*, Cuvier.
O. Stanleyi, Gray.
O. caffra (?), Lichtenstein.

HAB. S. Africa.

A. Specimen presented by J. F. Cathcart, Esq. (1836).

1539. EU. EDWARDII (Hardwicke's *Ill. Ind. Zool.*; Gould's *Century*, pl. 72).

SYN. *O. Edwardii*, Gray.
O. nigriceps, Vigors.
O. luconiensis, Vieillot (apud G. R. Gray).
Tokdar, H.

HAB. Hindustan; Luzon?

A. Specimen from C. India, presented by C. Fraser, Esq. (1844).

Subgenus. SYPHEOTIDES, Lesson.

1540. S. BENGALENSIS (Gould's *Century*, pl. 73, 74, 75).

SYN. *Otis bengalensis*, Gmelin.
O. himalayana, Vigors.
O. deliciosa, Gray.
Charj, or *Ablak Charj*, H. *Floriken* of N. India.

HAB. Bengal, Asám, Nipal; N. India generally.

A. B. Males, in breeding dress. *C. D.* Females. *E.* Chick. Presented by R. W. G. Frith, Esq. and by the Curator (1843-7).

1541. S. AFER (Latham, *Synopsis*, pl. 79).

SYN. *Otis afra*, Gmelin.
O. atra, L.

HAB. S. Africa.

A. Male, in breeding dress. *B*. Do., non-breeding dress. M. Malherbe (1848). *C*. Male, breeding dress. J. F. Cathcart, Esq. (1836).

1542. S. AURITUS (Jardine and Selby, *Orn. Ill.* pl. 40, 92; Jerdon's *Ill. Ind. Orn.*, pl. 33).

SYN. *Otis aurita*, Latham.
O. fulva, Sykes, male in non-breeding dress.
O. atriceps, Gray.
O. indica, Shaw.
Charj, H. (S. India); *Tun-mor*, Mahr.; *Kun-noul*, Can. *Floriken* of S. India: *Likh* of Bengal.

HAB. India generally.*
A. Male, from Nepal. B. H. Hodgson, Esq. (1843). *B.* Do., from C. India. C. Fraser, Esq. (1844). *C.* Female, from Mymunseng. R. W. G. Frith, Esq. (1842).

INCERTÆ SEDIS.

Fam. GLAREOLIDÆ.

Genus GLAREOLA, Brisson.

1543. GL. ORIENTALIS, Leach (apud G. R. Gray, *Lin. Tr.* XIII, p. 132, pl. ; Gould's *B. A.* Vol. VI, pl. 23;—figures and descriptions bad, if the species be correctly assigned).

SYN. *Gl. pratincola* vel *torquata* of India, auctorum.

HAB. India, Burmese and Malay countries.
A. B. C. Adults. *D.* Young (primaries but ½ grown). From the vicinity of Calcutta (1842-5). *E.* Young, second plumage. From near Agra. L. C. Stewart, Esq. (1845).

1544. GL. LACTEA, Temminck (*Pl. Col.* 399; Griffith's *Trans. An. Kingd.*, VIII, 543, pl.—very bad).

SYN. *Gl. orientalis* apud Jerdon, *Madr. Journ.* XII, 215.
Utteran, Sindh.

HAB. India generally (very abundant).
A. B. C. Specimens from the vicinity of Calcutta (1842).

Fam. CHARADRIADÆ.

Subfam. CURSORIINÆ.

Genus CURSORIUS, Latham.

1545. C. COROMANDELICUS.

SYN. *Charadrius coromandelicus*, Gmelin.
Cursorius asiaticus, Latham.
C. frenatus, Illiger.
Tachydromus orientalis, Swainson.
Nukri, H.

HAB. India generally (nec Lower Bengal).
A. B. Adults. *C.* Younger. *D.* Young. Presented by T. C. Jerdon, Esq. and Capt. Boys (1843-6).

* A straggler of this species is recorded to have been shot at Sandowa, Arakan (*Beng. Sp. Mag.* 1835, p. 151); but otherwise the genus is unknown on the eastern side of the Bay of Bengal. So likewise with *Pterocles*.

Genus MACROTARSIUS, Blyth.

1546. M. BITORQUATUS, Jerdon, Blyth, *J. A. S.* XVII, 254.
HAB. E. Ghâts of peninsular India.
A. Specimen presented by T. C. Jerdon, Esq. (1844).

Subfam. ESACINÆ.

Genus ESACUS, Lesson.

1547. E. RECURVIROSTRIS.
SYN. *Œdicnemus recurvirostris*, Cuvier.
Carvanica grisea, Hodgson, *J. A. S.* V, 776.
Kawának, H.; *Tuloor*, Sindh. *Bastard Floriken* of sportsmen.
HAB. India generally; Ceylon; Sindh; Arakan.
A. B. Specimens procured in Calcutta bazar (1846-8).
C. Another, from Sindh. Sir A. Burnes (1840).

Genus ŒDICNEMUS, Cuvier.

1548. ŒD. CREPITANS (*Pl. Enl.* 919).
SYN. *Charadrius œdicnemus*, L.
Bursiri, or *Lámbi*, H.; *Khurma*, Beng.; *Gadang Kapala*, Sum. (Raffles). *Bastard Floriken* of some.
HAB. Europe, Asia, Africa. Very common in parts of India.
A. B. Specimens from the vicinity of Calcutta (1842-4).
C. Another, from England. Mr. Bartlett (1844). *D.* Young. From near Agra. L. C. Stewart, Esq. (1845).

Subfam. VANELLINÆ.

Titi, Beng.

Genus HOPLOPTERUS, Bonaparte.

1549. H. VENTRALIS (Hardw. *Ill. Ind. Zool.*)
SYN. *Charadrius ventralis*, Wagler.
Ch. Duvaucelei, Lesson.
Nghet Taloing, Arakan.
HAB. India generally (on sand-flats). Common in Arakan.
A. B. Specimens from the Deyra Doon. Capt. Hutton (1849).

1550. H. CORONATUS (*Pl. Enl.* 800).
SYN. *Charadrius coronatus* et *atricapillus* (?), Gmelin.
HAB. S. Africa.
A. Specimen presented by Lord A. Hay (1845).

Genus SARCIOPHORUS, Strickland.

1551. S. PECTORALIS (Gould's *B. A.* Vol, VI, pl. 11).
SYN. *Charadrius pectoralis*, Cuvier.
Ch. tricolor, Vieillot (nec *Vanellus tricolor*, Horsfield).
HAB. V. D. Land; S. Australia; N. S. Wales.
A. Young, from N. S. Wales. Purchased (1847).

1552. S. BILOBUS (*Pl. Enl.* 880).
SYN. *Charadrius bilobus*, Gmelin.
Zirdi, H.
HAB. India generally (on arable land).
A. B. Specimens procured in the Calcutta bazar (1842). *C.* Another, do., crown wholly brown (1847). *D.* Another, crown wholly black. Society's old collection.

Genus LOBIVANELLUS, Strickland.

1553. L. LOBATUS (Gould's *B. A.* Vol. VI, pl. 9).
SYN. *Tringa lobata*, Latham.
Vanellus novæ hollandiæ, Stephens.
V. gallinaceus, Temminck.
HAB. N. S. Wales.
A. Specimen purchased (1847). *B.* Another (in bad order). W. Cracroft, Esq. (1837).

1554. L. GÖENSIS (Gould's *Century*, pl. 78).
SYN. *Parra göensis*, Gmelin.
Charadrius atrogularis, Wagler.
Tititui (expressive of cry), H.; *Tilori*, Sindh. *Kibullo*, Cingh.; *Teeteedoo*, Arakan.
HAB. India generally and Malay countries (very abundant).
A. B. C. Indian variety. From the Calcutta bazar (1842-3). *D. E.* Burmese and Malayan variety (with much more black on nape, margined with white below, more or less developed). From Arakan.—Capt. Phayre (1844). *F.* Another, from Malacca. Rev. F. W. Lindstedt (1845).

1555. L. CINEREUS.
SYN. *Pluvianus cinereus*, Blyth, *J. A. S.* XI, 587.
HAB. Bengal (not uncommon in cold season).
A. B. Specimens from the Calcutta bazar (1842).

1556. L. LEUCURUS (Denon's Egypt, *Zool.*, pl. 6, f. 2).
SYN. *Charadrius leucurus*, Lichtenstein.
Chizi, Kabul.
HAB. Middle Asia; N. Africa. Very rare in India.
A. Specimen procured in Calcutta bazar, and described *J. A. S.* XIII, 387.

Genus VANELLUS, L.

1557. V. CRISTATUS, Meyer (*Pl. Enl.* 242).
SYN. *Tringa vanellus*, L.
V. gavia, Leach.
Alatye, or *Mekhdao*, Kabul.
HAB. Europe and Asia; N. Africa (in winter): Upper India; never in S. India, or L. Bengal.
A. B. C. D. Adults. *E.* Young. Europe. Mr. W. Davison, M. Malherbe, and the Christiania University (1844-9).

Subfam. CHARADRINÆ.

Genus SQUATAROLA, Cuvier.

1558. SQ. HELVETICA (*Pl. Enl.* 854, 858).

SYN. *Tringa helvetica*, Gmelin.
Tr. squatarola, L.
Charadrius hypomelas, Pallas.
Vanellus griseus, Brisson.
V. melanogaster, Bechstein.
Bara Bátan, B.; *Chibugan*, Java.

HAB. Of nearly general distribution. Europe, Asia, Africa, Australia, N. America. Not rare in L. Bengal.

A. B. Specimens in summer dress. *C.* Do., winter dress. *D.* Young. Calcutta bazar (1842-5).

Genus CHARADRIUS, L.

1559. CH. PLUVIALIS, L. (*Pl. Enl.* 904).

HAB. Europe; W. Asia; N. Africa.

A. B. C. D. E. Specimens from England. Mr. Bartlett, Mr. Davison, Sir W. Jardine, Bt. (1843-9).

1560. CH. VIRGINICUS, Bechstein (Wilson's *Am. Orn.* pl. 59, f. 5).

SYN. *Ch. pluvialis* apud Wilson, also Horsfield, and Jerdon, *Catal.*
Ch. pluvialis, var., Raffles.
Ch. marmoratus, Temminck.
Ch. pectoralis, Vieillot.
Ch. xanthocheilus (?), Wagler (Gould's *B. A.* Vol. VI, pl. 13).
Chota Bátan, B.; *Berkay*, Malay; *Cheruling*, Sum.; *Trull*, Jav.

HAB. S. E. Asia and its islands; Australia?; N. and S. America. Very common in India.

A. Summer dress. *B.* Winter dress. *C.* Young. Calcutta bazar (1842).

Subgenus EUDROMIAS, Boie.

1561. EU. MORINELLUS (*Pl. Enl.* 832).

SYN. *Charadrius morinellus*, L.

HAB. Europe; W. Asia.

A. Specimen from Norway. Christiania University (1849). *B.* Do., from England. Mr. Davison (1844).

Subgenus HIATICULA, G. R. Gray.

1562. H. GEOFFROYI, vide *J. A. S.* XII, 180.

SYN. *Charadrius Geoffroyi*, Wagler.
H. rufinus, Blyth, *Ann. Mag. N. H.* 1843, p.

HAB. India generally; not common; Java.

A. B. Specimens in summer dress. *C.* Do., winter dress. *D.* Young. Calcutta bazar (1842-7).

1563. H. LESCHENAULTII (?), vide *J. A. S.* XII, 181.

SYN. *Charadrius Leschenaultii (?)*, Lesson.
Ch. cirripedesmos, Wagler, apud Sundevall.
Ch. rufinellus, Blyth, *Ann. Mag. N. H.* 1833, p.

HAB. India generally; extremely common in L. Bengal.
A. B. Specimens in summer dress. *C. D.* Do., winter dress. *E.* Young. Calcutta bazar (1842-4).

1564. H. CANTIANA.

SYN. *Charadrius cantianus*, Latham.
Ch. alexandrinus, Hasselquist.
Ch. littoralis, Bechstein.
Ch. albifrons, Meyer.

HAB. Europe; Asia; N. Africa.
A. Specimen in summer dress. *B.* Do., winter dress. *C.* Young. Calcutta bazar (1842-6).

1565. H. TORQUATA (*Pl. Enl.* 920).

SYN. *Charadrius torquatus*, Leach.
Ch. hiaticula, L.
H. annulata, G. R. Gray.

HAB. Europe; W. Asia; N. Africa (never India?).
A. B. C. Specimens in summer dress. *D.* Do., imperfect. *E.* Winter dress. Presented by the Christiania University, M. Malherbe (from Algiers), and Mr. Davison (1844-9).

1566. H. SEMIPALMATA (Wilson's *Am. Orn.* pl. 59, f. 3).

SYN. *Charadrius semipalmatus*, Bonap.
Tringa hiaticula apud Wilson.

HAB. N. America.
A. Specimen from Mr. Bartlett (1844).

1567. H. PHILIPPINA (Sonnerat, *Voy. aux Indes*, pl. 46).

SYN. *Charadrius philippinus*, Scopoli.
Ch. dubius, Gmelin.
Ch. curonicus, Beseke.
Ch. minor, Meyer.
Ch. fluviatilis, Bechst.
Ch intermedius, Menetries.
Ch. hiaticuloides, Franklin.
Ch. zonatus, Swainson.
Ch. hiaticula apud Pallas.
Ch. hiaticula. var. (?), Raffles.
Zirria, H.; *Tilla Chusmuk*, Kabul; *Bui*, Sum.

HAB. Asia; Africa; rare in N. W. Europe. Extremely common in India.
A. B. Specimens in summer plumage. *C.* Do., imperfect. *D. E.* Do., winter dress. Calcutta bazar (1842-3).

1568. H. PUSILLA.

SYN. *Charadrius pusillus*, Horsfield.
Ch. minor? Wagler, apud Jerdon, *Catal.*

HAB. India and Malay countries. Rare in India.
A. Specimen from S. India. T. C. Jerdon, Esq. (1846).
B. Do. Rajmahl. L. C. Stewart, Esq. (1845).

1569. H. NIGRIFRONS (Gould's *B. A.* Vol. VI, pl. 20).

Syn. Charadrius nigrifrons, Cuvier.
Ch. melanops, Vieillot.
Ch. russatus, Jerdon, *Catal.*

HAB. Australia (between 28° and 37°, S. lat.). Extremely rare in India.
A. Specimen presented by the Sydney Institution (1845).
B. Another, from S. India. T. C. Jerdon, Esq. (1843).

Genus ERYTHROGONYS, Gould.

1570. E. CINCTUS, Gould (*B. A.* Vol. VI, pl. 21).

HAB. N. S. Wales.
A. Specimen presented by Lord A. Hay (1845).

Fam. CHIONIDÆ.

Genus HÆMATOPUS, L.

1571. H. OSTRALEGUS, L. (*Pl. Enl.* 929).

Durya Gujpoun (i. e. 'Sea Longshanks' or *Himantopus)*; H.; *Tetawuk*, Kabul.

HAB. Europe; Asia; N. Africa.
A. Adult, in summer dress (bill 4 in. long). From Arakan. Capt. J. R. Abbott (1844). *B.* Another, presented by the Batavian Society (1845). *C.* Another, in winter dress. Algiers. M. Malherbe (1848). *D.* Another, from England. Mr. Davison (1844).

Fam. RECURVIROSTRIDÆ.

Genus HIMANTOPUS, Brisson.

Lál Thengi ('Red-shank'), Beng.; *Guj-poun*, ('Yard-leg'), H.; *Chaha Bara*, Muttra; *Gusling*, Sindh; *Gagang-bayem*, Jav.

1572. H. CANDIDUS, Bonnaterre (*Pl. Enl.* 878).

SYN. *Charadrius himantopus.* L.
Ch. autumnalis, Hasselquist.
H. vulgaris et *H. rufipes*, Bechstein.
H. albicollis, Vieillot.
H. atropterus, Meyer.
H. melanopterus, Temminck.
H. asiaticus, Lesson.

HAB. Europe, Asia, Africa. Very common in India.
A. Male. *B.* Female. Calcutta bazar (1843).

1573. H. INTERMEDIUS, Blyth, *J. A. S.* XVIII, p.

HAB. India (where much less common than No. 1572), and Malay countries.

A. With wholly white head and neck. *A.* Male, from Agra: presented by L. C. Stewart, Esq. (1845). *B.* Male. *C.* Female. Calcutta bazar (1846-8).—B. Crown and occiput white, the back of neck blackish. *D.* Female. —Occiput and upper ear-coverts black, and feathers of nape slightly black-tipped. *E.* Male. *F.* Male, intermediate to the last two.—C. Crown, occiput, and entire back of neck black, leaving a narrow white line at base of neck.* *G.* Male. Calcutta bazar (1848).

1574. H. NIGRICOLLIS, Vieillot (Wilson's *Am. Orn.* pl. 58, f. 2).

SYN. *Recurvirostra himantopus*, Wilson.
H. mexicanus, Brisson.
H. leucurus, Vieillot.

HAB. N. and S. America.

A. B. Males, from Chili. Purchased (1843).

Genus RECURVIROSTRA, L.

1575. R. AVOCETTA, L. (*Pl. Enl.* 353).

HAB. Europe, Asia, Africa. Not rare in Lower Bengal.

A. Male, summer dress. *B.* Do., winter dress. Calcutta bazar (1842).

1576. R. RUBRICOLLIS, Temminck (Gould's *B. A.* Vol. VI, pl. 27).

SYN. *R. novæ hollandiæ*, Vieillot.

HAB. Australia.

A. Specimen presented by W. Cracroft, Esq. (1837). *B.* Do., Babu Rajendra Mallika (1849).

Fam. SCOLOPACIDÆ.

Káda-khoncha ('Clay-pecker'), B.; *Kutra*, H.; *Yeng-yan*, Arakan; *Trinil*, Jav.; *Chanchali*, Kabul.

Genus IBIDORHYNCHUS, Vigors.

1577. I. STRUTHERSII, Vigors (Gould's *Century*, pl. 79).

SYN. *Erolia* (red-billed), Hodgson, *J. A. S.* IV, 459.

HAB. Himalaya.

A. Specimen from Butan. Capt. Pemberton (1839). *B.* Do., from Nepal. B. H. Hodgson, Esq. (1842).

Genus TOTANUS, Ray, Bechstein.

1578. T. GLOTTIS (Gould's *Century*, pl. 76; *B. A.* Vol. VI, pl. 36;—winter plumage).

SYN. *Scolopax glottis*, L.
Sc. canescens, Gmelin.
Totanus chloropus, Meyer.

* Intermediate to Gould's figures, *B. A.* VI, pl. 24, and pl. 25, fig. supra.

T. fistulans, Bechstein.
T. glottoides, Vigors.
Limosa grisea, Brisson.
L. totanus et *L. glottis*, Pallas.
Glottis natans, Koch.
Gl. Vigorsii, G. R. Gray.
Timtimma, H.; *Benonchung*, Jav.

HAB. Old World generally; Australia. Very common in India.

A. Specimen in summer dress. *B. C.* Do., winter dress. Calcutta bazar (1843). *D.* Young. From the Christiania University (1845).

1579. T. STAGNATILIS, Bechstein (Gould's *B. E.* pl. 314; *B. A.* Vol. VI, pl. 37; *Century*, pl. 76;—winter plumage).

SYN. *Scolopax totanus*, L.
T. Horsfieldi, Sykes.
T. Lathami, Gray (Hardw. *Ill. Ind. Zool*).
T. tenuirostris, Horsfield.
Chota Timtimma, H.; *Kiyo*, Java; *Kurruk-i-abi*, Kabul.

HAB. Old World generally; Australia. Very common in India.

A. B. C. D. E. F. G. Specimens in various states of plumage. Calcutta bazar (1843-5).

1580. T. MELANOLEUCOS (Wilson's *Am. Orn.*, pl. 57, f. 5).

SYN. *Scolopax melanoleucos*, Gmelin.
Sc. totanus, Forster.
Sc. vociferus, Wilson.
Sc. solitarius, Vieillot.

HAB. N. and S. America.

A. Specimen from Chili, purchased (1843); described *J. A. S.* XIII, 389.

1581. T. FUSCUS (*Pl. Enl.* 875).

SYN. *Scolopax fusca*, L.
Sc. nigra et *Tringa atra*, Gmelin.
Sc. curonica, Beseke.
Limosa fusca, Brisson.
T. natans et *T. maculatus*, Bechstein.
Butan, H.

HAB. Europe and Asia. Common in India.

A. B. Specimens in summer dress. *C.* Do., winter dress. *D.* Do., change. Calcutta bazar (1843-5).

1582. T. CALIDRIS (*Pl. Enl.* 845).

SYN. *Scolopax calidris*, L.
Tringa gambetta, Gmelin.
Tot. variegatus, Brunnich.
T. striatus et *T. nævius*, Brisson.
Chota Butan, H.

HAB. Europe and Asia. Very common in India.
A. B. Specimens in summer plumage. *C.* Do., winter dress. *D.* Young. Calcutta bazar (1843-4).

Genus ACTITIS, Illiger.

1583. ACT. GLAREOLA.
SYN. *Tringa glareola,* Gmelin.
Totanus affinis, Horsfield.
Ola-Watua, Cingh.; *Kodidi,* Malay.
HAB. Europe and Asia. Extremely common in India.
A. B. Specimens in summer dress. *C. D. E.* Do., winter dress. Calcutta bazar (1843-4).

1584. ACT. OCHROPUS (*Pl. Enl.* 843).
SYN. *Tringa ochropus,* L.
Totanus leucurus, Gray (Hardw. *Ill. Ind. Zool.*)
Tita, Sindh.
HAB. Europe and Asia. Rare in N. Africa. Common in India.
A. Male. *B.* Female. Summer dress. *C.* Male. *D.* Female. Winter dress. Calcutta bazar (1842-3).

1585. ACT. BREVIPES (Gould's *B. A.* Vol. VI, 38).
SYN. *Totanus brevipes,* Vieillot.
T. griseopygius, Gould.
HAB. Australia.
A. Specimen described *J. A. S.* XIII, 388. W. Cracroft, Esq.? Old collection.

1586. ACT. HYPOLEUCOS (*Pl. Enl.* 850).
SYN. *Tringa hypoleuca,* L.
Tiha, and *Musda,* Sindh.; *Trinil batu,* Java.
HAB. Europe and Asia. Extremely common in L. Bengal.
A. B. C. D. E. Specimens from Calcutta bazar (1842-3).

Genus TEREKIA, Bonaparte.

1587. T. CINEREA (Gould's *B. E.* pl. 307; *B. A.* Vol. VI, pl. 34).
SYN. *Scolopax cinerea,* Gmelin.
Sc. terek, Latham.
Sc. sumatrana, Raffles.
Limosa recurvirostra, Pallas.
Fedoa terekensis, Stephens.
Totanus javanicus, Horsfield.
Xenus cinereus, Kaup.
Kuning kaki, Sum.; *Bedaran,* or *Choweyan,* Jav.
HAB. Asia and its archipelago; rare in Europe and in Australia. Common in India.
A. Specimen in summer dress (upper scapularies black, narrowly edged with brown; rest as in winter plumage). *B. C.* Do., winter dress. Calcutta bazar (1842-6).

Genus LIMOSA, Brisson.

1588. L. LAPPONICA (*Pl. Enl.* 900).

SYN. *Scolopax lapponica*, L.
Sc. leucophæa, Latham.
L. rufa, Brisson.
L. ferruginea, Pallas.
Totanus gregarius, Bechstein.

HAB. Europe; Africa: never (?) India.

A. Male. Summer dress. *B*. Do., winter dress. Presented by the Royal University of Christiania (1849). *C*. Female. Winter. From England. Mr. Kirtland (1845).

1589. L. ÆGOCEPHALA (Gould's *B. A.* Vol. VI, pl. 28).*

SYN. *Scolopax ægocephala* et *Sc. limosa*, L.
Se. belgica, Gmelin.
Sc. melanura, Leisler.
L. leucophæa, Jerdon.
L. melanuroides, Gould.
Chaha, and *Jángral*, H.; *Susling*, Sindh; *Biru Lahut*, Jav.

HAB. Europe, Asia and its islands, and N. Australia. Very common in India.

A. Male. *B*. Female. Summer dress. *C*. Male. *D*. Large female. *E*. Small male. Winter dress *F*. Male, young. Calcutta bazar (1842-6).

Genus NUMENIUS, L.

1590. N. ARQUATA, L. (*Pl. Enl.* 818).

Súda Kastachura ('*White* Curve-bill,' as opposed to No. 1619)., Beng.; *Goar*, or *Goungh*, H.; *Terok*, Sum.

HAB. Europe, Asia, Africa. Common in India.

A. B. Males. *C*. Female. Calcutta bazar (1842).

1591. N. PHÆOPUS, L. (*Pl. Enl.* 842).

SYN. *Phæopus vulgaris*, Flemming.
Chota Goungh, H.; *Gajahan*, Java.

HAB. Europe, Asia, Africa. Common in the sea-coasts of India, rare inland.

A. Adult. *B*. Young. Calcutta bazar (1844-6).

Genus TRINGA, L.

1592. TR. CANUTUS, L. (*Pl. Enl.* 365, 366; Gould's *B. E.* pl. 324).

SYN. *Tr. cinerea*, Brunnich.
Tr. islandica, *nævia*, *grisea*, et *australis*, Gmelin.
Tr. glareola, Pallas.

* *N. B.* Individuals of the same flock of this species vary excessively in size, and are frequently as small as the pair represented by Mr. Gould. The bill varies in length from 2¾ to 4¼ in., and the closed wing from 7 to 8½ in.

Tr. ferruginea, Meyer.
Tr. rufa, Wilson (*Am. Orn.* pl. 57, f. 2, 5).

HAB. Europe, Africa, N. Asia. Very rare in India.

A. Specimen in winter dress. Calcutta bazar (1846). *B.* Do., assuming summer dress. S. India. T. C. Jerdon, Esq. (1843). *C.* Another, like last. Christiania University (1849). *D.* Young male. *E.* Female, winter. England. Mr. Bartlett (1843).

1593. TR. MARITIMA, Brunnich (Gould, *B. E.* pl. 344).

SYN. *Tringa nigricans*, Montagu.
Tr. arquatella, Pallas.

HAB. N. Europe, N. Asia, and N. America. Rocky coasts.

A. Specimen in summer dress. *B. C.* Do., winter dress. From England. Mr. Davison and Mr. Kirtland, (1843-5).

1594. TR. SUBARQUATA, Gmelin (*Pl. Enl.* 851; Gould, *B. E.* pl. 328; *B. A.*, Vol. VI, pl. 32).

SYN. *Tringa ferruginea*, Brunnich.
Tr. islandica, Retzius.
Tr. falcinella, Pallas.
Tr. chinensis, Gray.
Scolopax africana et *pygmæa*, Gmelin.
Sc. caffra, Forster.
Numenius pymæus, Latham.
Erolia varia, Vieillot.
Falcinellus Cuvieri, Bonap.
Mayatan, Jav.

HAB. Europe, Asia, Africa, Australia, N. America. Very common in India.

A. B. Specimens in summer dress. *C.* Do., change. *D. E.* Do., winter dress. *F.* Do., young. Calcutta bagar (1842—4). *G.* Do., winter dress. Australia. Purchased (1847).

1595. TR. CINCLUS, L. (*Pl. Enl.* 852; Gould, *B. E.* pl. 329).

SYN. *Tringa alpina*, L.
Tr. ruficollis et *Scolopax pusilla*, Gmelin.
Sc. salina, Pallas.
Numenius variabilis, Bechstein.

HAB. Northern hemisphere. Not common in L. Bengal, nor in S. India.

A. B. C. D. Specimens from Calcutta bazar (1843-4). *E. F. G.* Do., summer dress. *H.* Do., winter dress. From England. Cornish Institution and Mr. Bartlett (1843-5).

1596. TR. PLATYRHYNCHA (Gould's *B. E.* pl. 331).

SYN. *Tr. eloroides*, Vieillot.
Limicola pygmæa, Kaup.

HAB. Asia; rare in Europe: tolerably common in India.

A. B. C. D. E. F. Specimens in various states of plumage. Calcutta bazar (1842-5).

1597. Tr. minuta, Leisler (Gould, *B. E.* pl. 332).
Syn. *Tr. pusilla*, Meyer and Wolff.
Tr. cinclus, Pallas, apud G. R. Gray.
Tr. damacensis, Horsfield.
Tr. pusilla? apud Jerdon, *Catal.*
Chota Pun-loha, H. (Jerdon).
Hab. Europe and Asia. Very common in India.
A. B. C. D. E. F. G. H. I. J. K. Series of specimens from Calcutta bazar (1842-4),

1598. Tr. Temminckii, Leisler (Gould, *B. E.* pl. 333).
Syn. *Tr. pusilla*, Bechstein.
Hab. Europe and Asia. Common in India.
A. Specimen in summer dress. *B.* Do., in change. *C.* Do., winter dress. *D.* Young. Calcutta bazar (1842-3).

Genus Eurinorhynchus, Nilsson.

1599. Eu. pygmæus (G. R. Gray, *Ill. Gen. Birds*, pl. 152, f. 1).
Syn. *Platalea pygmæa*, L.
Eu. griseus, Nilsson.
Eu. orientalis, Blyth, *Ann. Mag. N. H.* 1843, p.
Hab. Europe and Asia. Extremely rare. (Most numerous on the eastern coast of the Bay of Bengal, a few mingled in flocks of No. 1593—7).
A. B. Specimens procured at Amherst. E. O'Ryley, Esq. (1846).

Genus Calidris, Illiger.

1600. C. arenaria (Gould, *B. E.* pl. 335).
Syn. *Charadrius calidris*, L.
Ch. rubidus, Gmelin.
Arenaria grisea, Bechstein.
A. vulgaris, Leisler.
Tringa tridactyla, Pallas.
C. tringoides, Vieillot.
Hab. Sea-coasts of Northern hemisphere. Very rare (?) in India.*
A. Specimen in winter plumage. Mr. Bartlett (1843). *B. C. D. E.* Do., imperfect summer dress. Christiania University and Cornish Institution (1844-6).

Genus Philomachus, Mœrrhing.

1601. Ph. pugnax (*Pl. Enl.* 300, 305, 306, 844; Gould, *B. E.* pl. 328).
Syn. *Tringa pugnax*, L.
Tr. variegata, Brunnich.
Tr. equestris et *grenovicensis*, Latham.

* We know but of a single instance of its having been obtained by Mr. Jerdon, in S India; but the sea-shore birds of India have been little examined.

Tr. rufescens, Bechstein.
Tr. littorea, Gmelin.
Limosa Hardwickii,—male } Hardw. *Ill. Ind. Zool.*
Totanus indicus,—female }
Gehwala, H.; *Chouchili*, Sindh.

HAB. Europe and Asia. Common in India in winter dress (constantly leaving L. Bengal before the ruff of the male is put forth; though specimens with growing ruffs have been obtained at Rajmahl).

A. B. C. Males. *D. E.* Females. *F.* Young male. Calcutta bazar (1842-6). *G.* Indian specimens with ruff, put forth in captivity (1848). *H. I. J.* Males, with ruffs. England. Mr. Bartlett (1844).

Genus STREPSILAS, Illiger.

1602. STR. INTERPRES (*Pl. Enl.* 856; Gould's *B. A.* Vol. VI, pl. 39).

SYN. *Tringa interpres*, L.
Str. collaris, Temminck.

HAB. Of universal distribution, on all sea-coasts; rare inland.

A. Male. *B.* Female. Summer dress. *C.* Male. Winter dress. *D.* Young. From Calcutta bazar (1843-7). *E.* Male, winter dress. England. Mr. Davison (1844).

Genus PHALAROPUS, Brisson.

1603. PH. FULICARIUS (Edwards, pl. 142).

SYN. *Tringa fulicaria*, L.
Ph. platyrhynchus, Temminck.
Ph. rufus, Bechstein.

HAB. Northern regions. Exceedingly rare in India.

A. Specimen in winter dress, obtained (May 11th, 1846,) in Calcutta bazar. *B.* Another, similar. England. Mr. Davison (1847).

Genus MACRORHAMPHUS, Leach.

1604. M. SEMIPALMATUS, Jerdon, Blyth, *J. A. S.* XVII, 252.

HAB. India, rare (?), or more probably confined to sea-coasts.

A. Specimen procured in Calcutta bazar (Dec. 12th, 1847).

Genus SCOLOPAX, L.

1605. SC. RUSTICOLA, L. (*Pl. Enl.* 885).

SYN. *Sc. indicus*, Hodgson, *J. A. S.* VI, 490.

HAB. Europe and Asia. Common in the Himalaya, and Nilgiris during the cold season. Very rare in L. Bengal, and in Ceylon.

A. Male. *B.* Female. Vicinity of Calcutta (1843-5). *C.* Specimen from Nilgiris. T. C. Jerdon, Esq. (1842). *D.* Do., from England. Mr. Bartlett (1843).

Genus GALLINAGO, Ray, Stephens.

1606. G. NEMORICOLA, Hodgson (Jerdon's *Ill. Ind. Orn.* pl. 9), *J. A. S.* VI, 490.

Wood-Snipe, Himalaya: *Solitary Snipe*, Nilgiris.

HAB. Himalaya; C. India; Nilgiris.

A. B. C. Specimens from the Himalaya; presented by Capt. Thomas, from Simla, and by Mr. Webb, from Darjiling.

1607. G. SOLITARIA, Hodgson, *J. A. S.* VI, 491.

SYN. *Sc. nemoricola*, var. ?

HAB. Himalaya.

A. B. Specimens from Darjiling. Mr. Webb (1845).

1608. G. MAJOR.

SYN. *Scolopax major*, Gmelin.
Sc. media, Frisch.
Sc. paludosa, Retzius.
Sc. palustris, Pallas.
Sc. gallinacea, Dumont.
G. Montagui, Bonap.

HAB. Europe; N. Africa.

A. Specimen from the Christiania University (1845).

1609. G. STENURA.

SYN. *Scolopax stenura*, Temminck.
Sc. gallinago apud Raffles and Horsfield.
Sc. heterura et *biclavus*, Hodgson.
Kas Watua, Cingh.; *Boorkat Gadung*, Malay; *Sekadidi*, Sum.; *Burchet*, Jav.

HAB. India and Malay countries. Common in India.

A. B. C. Specimens from the vicinity of Calcutta (1843).

1610. G. SCOLOPACINUS, Bonaparte (*Pl. Enl.* 883).

SYN. *Scolopax gallinago*, L.
G. uniclavus, Hodgson, *J. A. S.* VI, 492.
Bharka, or *Bhuruk*, H.

HAB. Old World generally (nec Malay countries?)

A. B. Specimens from vicinity of Calcutta (1843). *C.* Do. do., albescent. W. Bracken, Esq. (1844).

1611. G. GALLINULA (*Pl. Enl.* 884).

SYN. *Scolopax gallinula*, L.
Sc. minima, Ray.

HAB. Old World generally (nec Malay countries?). Common in India.

A. B. Specimens from the vicinity of Calcutta (1842).

Genus RHYNCHEA, Cuvier.

1612. RH. BENGALENSIS (Hardw. *Ill. Ind. Zool.*)

SYN. *Scolopax bengalensis*, L.
Sc. capensis, Gmelin, apud Raffles.
Rh. orientalis, Horsfield.
Rh. varia, Temminck.
Rh. capensis apud Gray.
Raja Kas Watua, Cingh.; *Pengung*, Jav.

HAB. India and Malay countries. Common in India.
A. B. C. Males. *D. E.* Females. *F.* Young, half grown. *G. H. I.* Do., newly hatched. From the vicinity of Calcutta (1842-6).

Fam. PALAMEDEIDÆ.

Subfam. PARRINÆ.

Piho, H.

Genus METOPIDIUS, Wagler.

1613. M. INDICUS (Vieillot, *Gal. des Ois.* pl. 264; Hardw. *Ill. Ind. Zool.*).

SYN. *Parra indica*, Latham.
P. cuprea, Vahl.
P. melanochloris, Vieillot.
P. ænea, Cuvier.
P. superciliosa, Horsfield.
P. atrata, Tickell, *J. A. S.* II, 582. } Young.
Gallinula viridis, Gmelin. }
Dal-pipi, Beng; *Pichisan*, Java.

HAB. S. E. Asia and its islands. Very common in India.
A. B. Adults. *C. D. E.* Young. *F.* Do., assuming adult dress. Calcutta bazar (1842-3). *G.* Partial albino. Society's old collection.

Genus HYDROPHASIANUS, Wagler.

1614. H. CHIRURGUS (Gould's *Century*, pl. 77; Hardw. *Ill. Ind. Zool.*)

SYN. *Tringa chirurgus*, Scopoli (*Sonn. Voy. aux Indes*, pl. 45,—non-breeding plumage).
Parra sinensis et *luzoniensis*, Gmelin.
Dál-kukra, H.; *Bhépi*, or *Bhenpi*, Beng.

HAB. India; China; Philippines. Common.
A. B. C. Specimens in summer dress. *D. E.* Do., winter dress. *F.* Young. *G.* Adult, re-assuming the winter dress. *H.* Do., assuming the breeding plumage. Calcutta bazar (1842-4).

Fam. GRUIDÆ.

Genus GRUS, Mœrrhing.

1615. GR. ANTIGONE (Edwards, pl. 45; *Pl. Enl.* 865).
SYN. *Ardea antigone*, L.
Grus torquatus, Vieillot.
Gr. orientalis (*?*), Pallas.
Sáras, or *Surhuns*, H.; *Gyo-gya*, Arakan.
HAB. India generally, rare to the southward.
A. Specimen from C. India. C. Fraser, Esq. (1843).
B. Another, from Rungpore. C. S. Bonnevie, Esq. (1846).

1616. GR. CINEREA, Bechstein (*Pl. Enl.* 769; Gould's *B. E.* pl. 270).
SYN. *Ardea grus*, L.
Grus vulgaris, Pallas.
Kulung, H.; *Kúnj*, Persian.
HAB. Europe; Asia; N. Africa. Common in India.
A. Male, presented by the Curator (1844).

Subgenus ANTHROPOIDES, Vigors.

1617. ANTHR. VIRGO (*Pl. Enl.* 241; Edwards, pl. 134).
SYN. *Ardea virgo*, L.
Grus numidica, Brisson.
Karkarra, H.; also *Kurrounch* (Jerdon); *Kurkoncha*, Can.; *Shukdurruk*, Kabul. (All imitative of cry.)
HAB. Asia and Africa. Rare in S. Europe. Common in S. India.
A. Female. Barrackpore Menagerie (1844). *B*. Another from S. India. Capt. R. Rollo (1846).

Genus BALEARICA, Brisson.

1618. B. PAVONINA (Edwards, pl. 192,—hinder figure).
SYN. *Ardea pavonina*, L.
HAB. Africa; Asia minor: rare in S. Europe.
A. Male, presented by Babu Rajendra Mallicka (1849).

INCERTÆ SEDIS.

Genus PSOPHIA, L.

1619. PS. CREPITANS, L. (*Pl. Enl.* 169).
SYN. *Grus psophia*, Pallas.
HAB. Guiana.
A. Specimen from Mr. Bartlett (1843).

Tribe CULTRIROSTRES.

Fam. ARDEADÆ.

Subfam. TANTALINÆ.

Genus FALCINELLUS, Ray, Bechstein.

1620. F. IGNEUS (Gould's *B. A.* Vol. VI, pl. 47).
SYN. *Tantalus falcinellus*, L.
T. igneus et *viridis*, Gmelin.
Ibis sacra, Temminck.

Kowari, H.; *Kala Kustechora*, B.; *Buzak*, Kabul. *Black Curlew* of sportsmen.

Hab. Old World generally; Australia. Common in India.

A, B. Males. Summer dress. *B.* Younger do., do. *D.* Do. Winter dress. *E. F.* Females. Calcutta bazar (1842-4).

Genus Geronticus, Wagler.

1621. G. papillosus (*Pl. Col.* 304).

Syn. *Ibis papillosa*, Temminck.

Buza or *Kala Buza*, H.; *Karunkul*, C. India. *King Curlew* of sportsmen.

Hab. India generally (nec L. Bengal.)

A. B. Adults. *C. D.* Young, different ages. Presented by Major Jenkins, C. Fraser, Esq. and R. W. G. Frith, Esq. (1843-7).

Genus Threskiornis, G. R. Gray.

1622. Thr. melanocephalus (Jardine and Selby, *Orn. Ill.*, pl. 120).

Syn. *Tantalus melanocephalus*, L.,—the young.

Ibis Macei et *I. leucon* (apud G. R. Gray), Temminck.

I. bengala, Cuvier.

I. religiosa apud Sykes.

Munda, H.; *Sáfed Buza* of some: *Sada Kastechora* (*i. e.* 'White Curlew') of some, B.; *Kula-gouk*, Arakan. *White Curlew* of sportsmen.

Hab. India generally; scarce in Arakan.

A. B. Adults in breeding dress, with drooping breast-plumes, and (*A*) with nude skin of nape coloured as in Gould's figure of *Thr. strictipennis* of Australia (*B. A.* Vol. VI, pl. 46). From Asám. Major Jenkins (1844). *C.* Adult, winter dress. *D. E.* Young. Calcutta bazar (1842).

Genus Tantalus, L.

1623. T. leucocephalus, Gmelin (Pennant's *Ind. Zool.*, pl. 11).

Syn. *T. gangeticus*, Shaw.

T. indicus, Cuvier.

Dokh, H.; *Jaunghal*, in Hindustan (Jerdon); *Kút Sárungá*, H., B.; *Lamjang*, and *Lumduk*, Sindh.

Hab. India generally; Ceylon; Asám; Arakan.

A. B. Adults. *C.* Younger do. *D.* Young. Calcutta bazar (1842-7).

1624 T. lacteus, Temminck (*Pl. Col.* 352).

Syn. *T. ibis*, var., and the young—

T. cinereus, Raffles, *Lin. Tr.* XIII, 327.

Hab. Malay countries.

A. Adult. *B.* Young. Rev. F. W. Lindstedt (1844).

Genus PLATALEA, L.

1625. PL. LEUCORODIA, L. (*Pl. Enl.* 405).

Chammach Buza (*i. e*, 'Spoon Ibis'), H.; *Chimta*, B.

HAB. Europe and Asia. Common in India.

A. Adult, crest-feathers growing. *B*. *C*. Others. Calcutta bazar (1843—6).

Genus ANASTOMUS, Bonnaterre.

1626. A. OSCITANS (*Pl. Enl.* 932; Sonnerat, *Voy. aux Indes*, pl. 122).

SYN. *Ardea oscitans*, Boddaërt.

A. ponticeriana et *coromandelica*, Gmelin.

An. typus, Temminck.

A. albus et *cinereus*, Vieillot.

Mycteria asiatica (*?*), Latham.

Gungla or *Gunglu*, H. (Jerdon); also *Ghongal*, H.; *Samuk-khol*, B.; *Tont'h Bhunga* (Tickell); *Kha-yoo-tsoot*, Arakan.

HAB. India generally. Common.

A. Male. Summer dress. *B*. Do. Winter. *C*. Full grown young (mandibles scarcely abraded). *D*. Small young (edges of mandibles entire). Calcutta bazar (1842-7).

INCERTÆ SEDIS.

Genus DROMAS, Payk.

1627. D. ARDEOLA, Payk. (*Pl. Col.* 362; Salt, 'Travels in Abyssinia,' pl. 31).

SYN. *Erodia amphilensis*, Stanley.

Ammoptila charadroides? apud Jerdon, *Catal.*

HAB. Sea-coast of S. India and Ceylon; also of E. Africa.

A. Specimen (neck injured) from Ceylon. E. L. Layard, Esq. (1849). *B*. Another, from S. India. T. C. Jerdon, Esq. (1844).

Subfam. CICONINÆ.

Genus MYCTERIA, L.

1628. M. AUSTRALIS, Shaw (Gould's *B. A.* Vol. VI, pl. 51).

SYN. *Ardea indica*, Latham.

Ciconia leucoptera, Wagler.

Bunarus, and *Lohajung*, H.; *Rám Salik*, B.

HAB. India generally, Malay countries, and Australia.

A. Male. *B*. Female. *C*. Young male. *D*. Do., first year. Calcutta bazar (1842-8).

Genus CICONIA, L.

1629. C. ALBA, Belon (*Pl. Enl.* 866).

SYN. *Ardea ciconia*, L.

Lag-lag, or *Ujli*; also *Haji Lag-lag*, H. (Jerdon); *Dhek*, Muttra.

HAB. Europe; Asia; N. Africa; India generally; very common in parts of Bengal, during the cold season.

A. Male. *B*. Female. Calcutta bazar (1842-6).

1630. C. NIGRA, L. (*Pl. Enl.* 399).

SYN. *Ardea nigra*, L.
A. chrysopelargus, Lichtenstein.
A. fusca, Brisson,—the young.
White-bellied Jabiru, Latham.
Súrmai, H. (Jerdon).

HAB. Europe; Asia; N. Africa: common in N. India; very rare in L. Bengal.

A. B. Specimens from Deyra Doon. Presented by Capt. Hutton (1849).

1631. C. LEUCOCEPHALA (*Pl. Enl.* 906).

SYN. *Ardea leucocephala*, Gmelin.
C. umbellata, Wagler.
Manikjor, H., B.; *Khyee-kheng-tswop*, Arakan; *Sandang-lawe*, Java.

HAB. India generally; Burmese and Malay countries. Common.

A. B. Specimens from Calcutta bazar (1842).

Genus LEPTOPTILOS, Lesson.

1632. L. ARGALA (*Pl. Enl.* 300).

SYN. *Ardea argala*, L.
A. dubia, Gmelin.
Ciconia miraboi, Temminck.
C. nudifrons, Jerdon, *Catal.*,—young.
Argala migratoria, Hodgson, *Ind. Rev.* 1838, p. 563.
Hargila, B.; *Dusta*, H. (Jerdon); *Chaniari Dhauk*, H. (Hodgson); *Garar*, Muttra. 'Adjutant' of Europeans.

HAB. N. Asia? Visiting India during the rains, when common in L. Bengal.

A. Adult male. *B.* Do., female. *C.* Young. Calcutta (1843-4).

1633. L. JAVANICA (*Pl. Col.* 312).

SYN. *Ciconia javanica*, Horsfield.
C. capillata, Temminck.
C. calva, Jerdon, *Catal.*
C. nudifrons, and the young—*C. cristata*, McClelland, *Ind. Rev.* 1838, p. 512.
Argala immigratoria, Hodgson, *ibid.*, p. 563.
Ardea dubia of Sumatra, apud Raffles.
Madanchur, B.; *Chinjara*, H. (Jerdon); *Ton-tsap* and *Nghet-gyee*, Arakan; *Bangou Sula*, *Burong Kambing*, and *Burong Gaja* of Malays (Raffles); *Bangu*, Java.

HAB. India and Malay countries; never frequenting towns, like No. 1632.

A. Specimen shot on the salt-water lake, near Calcutta (1836).

Subfam ARDEINÆ.

Genus ARDEA, L.

Bog, or *Bogla*, H.; *Barado*, Sindh; *Nya-heet* and *Nyhet-nga-nwa*, Arakan.

1634. A. GOLIATH, Ruppell (Atlas pl. , the adult).

SYN. *A. typhon* (?), Temminck (*Pl. Col.* 475)?

A. nobilis, Blyth, *Ann. Mag. N. H.* XIII, 175,—young bird.

HAB. Bengal (in cold season); Nepal: also Africa. (*N. B.* Several specimens of this immense Heron have been procured in the vicinity of Calcutta, but all hitherto in the plumage of the first year).

A. B. Specimens procured in Calcutta bazar (1845-6).

1635. A. SUMATRANA, Raffles (Gould's *B. A.* Vol. VI, pl. 54,—the second plumage).

SYN. *A. fusca*, Blyth, *Ann. Mag. N. H.* XIII, 176.

A. rectirostris, Gould.

San Barado, Sindh.

HAB. Sindh; Sikim (tarai?); Asám; Arakan; Sumatra; Australia.

A. Adult, from Arakan. Capt. Phayre (1844). *B.* Head and neck of specimen, resembling Gould's plate. From Sikim. Presented by the Curator (1849).

1636. A. CINEREA, L. (*Pl. Enl.* 755, 787).*

SYN. *A. major*, L.

A. bruh (?), Jacquemont, Atlas, pl. .

Kabud, H. (Jerdon). *Sada Kánk*, and *Anjun*, B.; *Saa*, Sindh; *Changa Awu*, Jav.

HAB. Europe; Asia; Africa. Common in India.

A. Adult in breeding dress. *B.* Do., non-breeding dress. *C.* Young, Calcutta bazar (1842-4).

1637. A. PURPUREA, L. (*Pl. Enl.* 783).

SYN. *A. caspica, purpurata, rubiginosa* (?), et *botaurus* aut *rufa*, Gmelin.

A. variegata, Scopoli.

A. monticola, LaPey.

Nari, H. (Jerdon); *Lál Kank*, B.; *Khyon-byoing*, Arakan; *Changa-ulu*, Java.

HAB. Europe, Asia, Africa.

A. B. C. Adults. *D.* Young. Calcutta bazar (1842-4).

Subgenus HERODIAS, Boie.

Koka, Cingh.; *Kántál*, Jav.; *Ooker*, and *Kumole*, Kabul; *Byoing Phyoo*, Arakan.

* Mr. Gould refers his *A. leucophæa* (*B. A.* Vol. VI, pl. 55,) to India, meaning probably the Malay countries; but Indian and Chinese specimens correspond exactly with the European *A. cinerea*, and not with Mr. Gould's description of *A. leucophæa*, vide *P. Z. S.* May 9th, 1848.

1638. H. ALBA (*Pl. Enl.* 886; Gould's *B. A.* Vol. VI, pl. 56*).

SYN. *Ardea alba*, L.
A. egretta, Temminck.
A. nivea, Lesson.
A. modesta, Gray.
A. flavirostris et *melanorhynchos*, Wagler.
A. torra, Buchanan Hamilton and Franklin.
A. syrmatophorus, Gould.
Mallâng Bâgla, *Turra Bâgla*, and *Patoka Bâgla*, H. (Jerdon); *Dhar Bayla*, B.; *Bacho Barado*, Sindh.

HAB. S. E. Europe; Africa; Asia and its islands; Australia. Common in India.

A. Male in full plumage (bill black; naked skin of face beautiful verditer in the recent specimen). *B.* Another (shot later in the season, the bill and cere beginning to turn yellow). *C.* Another, and *D.* Female (shot still later, the bill nearly wholly yellow),—the dorsal trains retained. *E.* Full grown young. All from the vicinity of Calcutta (1843-6).

1639. H. INTERMEDIA (Gould's *B. A.*, Vol. VI, pl. 57†).

SYN. *Ardea intermedia*, Wagler, *Isis*, 1829.
A. egrettoides, Temminck.
A. flavirostris, Bonnaterre, nec Wagler.
A. putea, Buchanan Hamilton.
A. nigrirostris, Gray.
H. plumifera, Gould.

HAB. As last. The most abundant species of Egret in the Malay countries. Common also in India.

A. B. Males in full plumage (bill black). *C.* Another (the bill changing to yellow, but the train retained). *D.* Young. From vicinity of Calcutta (1843-7).

1640. H. GARZETTA (*Pl. Enl.* 901).

SYN. *Ardea garzetta*, L.
A. xanthodactyla et *A. nivea*, Gmelin.
A. orientalis, Gray.
A. melanopus, Wagler, } Variety.
A. nigripes, Temminck, }
H. immaculata (?), Gould.‡

* Specimen shot at the close of the breeding season, when the bill and cere had re-assumed the yellow colour, but the dorsal train is still retained: the tibiæ are also coloured too yellow for the Indian bird. *N. B.* The extent of the yellowish-white colouring on the tibiæ varies much in different specimens, and is sometimes wholly absent, as generally in *H. intermedia*.—Since the foregoing was written, we have examined an Australian specimen in which the tibiæ were wholly black.

† Specimen shot at the close of the breeding season, when the bill had re-assumed the yellow colour.

‡ The only objection to identification in this instance is the smaller size of the Australian bird, which perhaps is not constant. The toes are evidently coloured from dry skins, and should be bright yellow; and the crest would doubtless have appeared a little later in the season.

Kirchia (or *Kilchia*) *Búgla*, H. (Jerdon).

HAB. As last. Very common in India. Australia?

A. Male in full breeding plumage. *B.* Male. *C.* Female. Winter dress. *D.* Young. Vicinity of Calcutta (1842-3).

1641. H. BUBULCUS (*Pl. Enl.* 910: Denon's Egypt, *Zool. t.* 1, pl. 8, f. 1).

SYN. *Ardea bubulcus*, Savigny.
A. lucida, Raffinesque.
A. æquinoctialis, Montagu.
A. coromandelensis, Stephens.
A. bicolor and *A. ruficapilla*, Vieillot.
A. russata, Temminck.
A. affinis, Horsfield.
A. coromandelica, Lichtenstein.
A. Veranii, Roux.
A. leucocephala, Cuvier.
A. caboga, Franklin.
A. ibis, Hasselquist.
Durrea and *Súrkhia Búgla*, H.; *Gai Búgla*, B.; *Sudu Koka*, Cingh.; *Kántál Chilik*, Jav.

HAB. As last, associating much with cattle. Nec Australia? *A.* Specimen in full breeding dress. From Sicily (sent as *A. Veranii*). M. Malherbe (1849). *B.* Another, do., from Java. Presented by the Batavian Society (1845). *C.* Another, do., in winter dress (commonly described as young, though the latter are similar). Vicinity of Calcutta (1843-5).

1642. H. ASHA.

SYN. *Ardea asha*, Sykes.
Herodias pannosa (*?*), Gould (*B. A.* Vol. VI, pl. 59).*
Kala Bugla, H. (Jerdon).

HAB. Peninsula of India; Sindh. Nec (?) L. Bengal. Australia?

A. Adult. *B.* Young. (Specimens not good.) T. C. Jerdon, Esq. (1842-6).

1643. H. JUGULARIS (Gould's *B. A.* Vol. VI, pl. 60).

SYN. *Ardea jugularis*, Forster.
A. cærulea, var., Latham.
A. matook, Vieillot.
Demigretta concolor, Blyth. *J. A. S.* XV, 372.
H. Greyi,—Gray (Gould's *B. A.* Vol. VI, pl. 61),—permanent white variety?

* If Mr. Gould's representation of the train be quite correct, there is a slight difference in the character of the feathers composing the train in *H. asha* and *H. pannosa*.

HAB. Arakan; Nicobar Islands; Australia; N. Zealand; Africa (Senegal)?

A. Adult. From Arakan. Capt. Phayre (1843). *B.* Adult. *C.* Young. Nicobar Islands. Rev. J. Barbe (1846). (*N. B.* The quantity of white on the throat varies much in this species, and is often wanting altogether).

Subgenus BUTORIDES, Blyth.

1644. B. JAVANICA.

SYN. *Ardea javanica*, Horsfield.

Kancha Bagla, H.; *Kuno Bag*, B.; *Pachong*, Malay; *Upi upian*, Jav.

HAB. India and Malay countries. Common.

A. Male in full plumage. *B.* Another, younger. *C.* Young. Vicinity of Calcutta (1842-3).

Subgenus ARDEOLA, Boie.

1645. A. LEUCOPTERA (Hardw. *Ill. Ind. Zool*).

SYN. *A. leucoptera*, Boddaërt.

A. Grayi, Sykes—breeding dress.

A. malaccensis, Gmelin—non-breeding dress.

Undki Bogli, H. (Jerdon); *Kuro Bog*, B.; *Kana koka*, Cingh.

HAB. India generally; Burmese countries; Malayan peninsula. Exceedingly common.

A. Male, full breeding dress. *B.* Another (shot late in the season, the neck having become greyish). *C.* Female, re-assuming winter dress. *D.* Male, in winter dress. *E. F.* Young. From vicinity of Calcutta (1842-4).

Subgenus NYCTICORAX, Brisson, Stephens.

1646. N. GRISEUS (*Pl. Enl.* 758).

SYN. *Ardea nycticorax* et *grisea*, L.

N. europæus, Stephens.

Wok (from voice), aud *Batchka*, Beng., H.; *Gadri*, Sindh; *Leng-wet*, Arakan; *Guwo*, Jav.

HAB. Europe; Asia; Africa. Common in India.

A. Adult. *B.* Specimen in second plumage. *C.* Do., first plumage. Vicinity of Calcutta (1843).

1647. N. CALEDONICUS (Gould's *B. A.* Vol. VI, pl. 63).

SYN. *Ardea caledonica*, Latham.

A. Sparmanii, Wagler.

N. manillensis (?), Vigors, *P. Z. S.* 1831, p. 93.

HAB. Australia.

A. Specimen presented by W. Cracroft, Esq. (1837).

Subgenus TIGRISOMA, Swainson.

1648. T. MELANOLOPHA.

SYN. *Ardea melanolopha*, Raffles, *Lin. Tr.* XIII, 316.

HAB. Ceylon; Arakan; Malayan peninsula; Sumatra.
A. Specimen from Arakan (Ramree). Presented by Capt. J. R. Abbott (1844).

Subgenus BOTAURUS, Brisson, Stephens.

1649. B. MELANOTUS, G. R. Gray, *App.* Dieffenbach's *N. Zealand*, II, 196 (Gould's *B. A.* Vol. VI, pl. 64).
SYN. *B. australis*, Gould, Cuv.?
HAB, Australia; V. D. Land; N. Zealand.
A. Specimen presented by the Sydney Institution (1845).
B. Another. Purchased (1846).

1650. B. STELLARIS (*Pl. Enl.* 789).
SYN. *Ardea stellaris*, L.
Nir goung, H.
HAB. Europe; Asia; Africa. Common in Bengal.
A. B. C. D. Specimens procured in Calcutta bazar (1843-5).

Subgenus ARDETTA, G. R. Gray.

1651. A. FLAVICOLLIS (Jerdon's *Ill. Ind. Orn.* pl. 16; Gould's *B. A.* Vol. VI, pl. 65—not good, if the Australian be truly identical with the Indian species).
SYN. *Ardea flavicollis*, Latham.
A. nigra, Vieillot.
A. picta, Raffles,—the young (figured in Hardwicke's *Ill. Ind. Zool*).
Kúla and *Nol Bogla*, B.; *Tototan*, or *Tomtomman*, Jav.
HAB. India generally (not common, nor rare in L. Bengal): Ceylon; Tippera; Arakan; Tenasserim; Malayan peninsula; Sumatra; China; Australia.
A. Adult, from Chusan. J. McClelland, Esq. (1843).
B. Adult. L. Bengal. R. W. G. Frith, Esq. (1845-7).
C. D. Young. Vicinity of Calcutta (1846-8).

1652. A. CINNAMOMEA (Hardw. *Ill. Ind. Zool*).
SYN. *Ardea cinnamomea*, Gmelin.
Lal Bogla, H.; *Nati korawaka*, Cingh.; *Ayam-Ayaman*, Jav.
HAB. India and Malay countries. Common.
A. B. C. D. E. F. G. H. Series in various states of plumage, from the vicinity of Calcutta (1842-7).

1653. A. SINENSIS (young figured as No. 1651, Hardw. *Ill. Ind. Zool.*, —not good).
SYN. *Ardea sinensis*, Gmelin.
A. lepida et *A. nebulosa*, Horsfield.
Bambangan, Jav.
HAB. India generally; Ceylon; Arakan; Java; China. (Generally observed on high reeds.)
A. B.) *C.* Specimens from the vicinity of Calcutta (1844-6.

1654. A. SPADICEA.
SYN. *Ardea spadicea*, Gmelin.
HAB. C. America.
A. Specimen from Mr. Bartlett (1844).

1655. A. MINUTA (*Pl. Enl.* 323).
SYN. *Ardea minuta*, L.
A. danubialis et *soloniensis*, Gmelin.
HAB. Europe, Africa, C. Asia; Nepal.
A. Adult from Holland. Mr. Bartlett (1844). *B*. Another, from Sicily. M. Malherbe (1848).

Tribe MACRODACTYLI.

Fam. RALLIDÆ.

Genus PORPHYRIO, Brisson.

1656. P. MADAGASCARIENSIS.
SYN. *Fulica madagascariensis*, L.
P. smaragnotus, Tem.
P. chloronotus, Vieillot.
HAB. S. Africa; Madagascar.
A. Specimen presented by W. Cracroft, Esq.

1657. P. POLIOCEPHALUS, Latham.
Kâim, or *Káyem*, Beng.: *Keima*, H.; *Kogh*, Sindh.
HAB. Indía generally; Arakan; Tenasserim. (Replaced in the Malayan peninsula and archipelago by *P. smaragdiņus*, Temminck, v. *indicus*, Horsfield; *Tedone* of the Malays; *Pellung*, Jav.)
A. B. C. Specimens from the vicinity of Calcutta (1842-4).

1658. P. MELANONOTUS, Tem. (Gould, *B. A.* Vol. VI, pl. 96).
SYN. *P. cyanocephalus*, Vieillot.
HAB. E. and S. Australia; V. D. Land; New Zealand.
A. Specimen presented by H. E. Strickland, Esq. (1845).

Genus PORPHYRULA, Blyth.

1659. P. *chloronotus*, Blyth, *J. A. S.* XVIII, p.
HAB. ?
A. Specimen (in bad order). Presented by Mr. W. E. Templeton (1847).

Genus GALLICREX, Blyth.

1660. G. CRISTATUS.
SYN. *Gallinula cristata*, Latham.
G. plumbea, Vieillot.
G. lugubris (male), and *G. gularis* (female), Horsfield.
Rallus rufescens apud Jerdon, *Madr. Journ.* XII, 205 (female).
Fulica cinerea, Gmelin.
Kora, or *Kongra*, Beng.; *Bontod*, and *Bureng*, Jav.

HAB. India generally, and Malay countries. Common in Bengal. *A.* Male in breeding state, with the frontal caruncle fully developed. *B.* Do. Assuming the breeding plumage, with frontal caruncle enlarging. *C.* Do. Non-breeding dress; the frontal caruncle having almost disappeared. *D.* Female. All from the vicinity of Calcutta (1842-5).

Genus PORZANA, Vieillot.

1661. P. PHŒNICURA (*Pl. Enl.* 896; Horsfield, *Zool. Res. in Java*, pl.).

SYN. *Rallus phœnicurus*, Pennant.
Gallinula javanica, Horsfield.
G. erythrina, Bechstein.
Fulica chinensis, Boddaërt.
Daouk, or *Dehuk*. Beng.; *Dawuk*, H. (Jerdon); *Korawaka*, Cingh.; *Kurai*, Sindh; *Kaloo-gwet*, Arakan; *Roa-Roa*, Malay; *Sri-bombo*, Jav.

HAB. S. E. Asia and its archipelago. Extremely common. *A. B.* Adults. *C.* Grown young. *D.* Newly hatched do. From the neighbourhood of Calcutta (1843-7).

1662. P. AKOOL.

SYN. *Gallinula akool*, Sykes (nec Jerdon).
G. modesta, Swainson, 2¼ *Cent.*, p. 348.

HAB. India generally. Rare in L. Bengal. *A.* Specimen from Chaibasa. Presented by Captain Tickell (1842). *B.* Do., from Budgebudge, near Calcutta. R. W. G. Frith, Esq. (1843).

1663. P. MARUETTA (*Pl. Enl.* 751).

SYN. *Rallus porzana*, L.
R. maruetta, Brisson.
Khairi, Beng. (generic); *Teerteeruk*, Kabul.

HAB. Europe, Asia, and N. Africa. Common in India. *A. B.* Specimens from the vicinity of Calcutta (1843).

1664. P. PYGMÆA (J. and S., *Ill. Orn.*, pl. 15).

SYN. *Crex pygmæa*, Naumann.
Gallinula Baillonii, Vieillot.

HAB. Europe, Asia, and N. Africa. Very common in India. *A. B. C. D. E. F.* Series of specimens from the vicinity of Calcutta (1843).

1665. P. QUADRISTRIGATA.

SYN. *Rallus quadristrigatus*, Horsfield.
Gallinula superciliosa, Temminck.
G. leucosoma, Swainson, 2¼ *Cent.*, p. 348.

HAB. Malay countries. *A. B.* Specimens from Malacca. Presented by C. Huffnagle, Esq. (1845).

1666. P. FUSCA (*Pl. Enl.* 773; *Pl. Col.* 387).
SYN. *Rallus fuscus*, L.
Gallinula rubiginosa, Tem.
HAB. S. E. Asia and its islands. Common in India.
A. B. Adults. *C.* Young. From the vicinity of Calcutta (1843-4).

1667. P. FASCIATA (*Pl. Col.* 417), *J. A. S.* XI, 797.
SYN. *Rallus fasciatus*, Raffles.
Gallinula euryzona, Tem.
Rallus ruficeps, Cuv.
Sintar, Malay (generic).
HAB. Malayan peninsula and archipelago.
A. B. C. Adults. *D.* Young. From Malacca. Presented by M. de Storr and J. Mackey, Esq. (1843-5). *E. F. G.* Specimens from Penang. Presented by Dr. A. Campbell (1845).

1668. P. CEYLONICA (Brown's *Ill.*, pl. 37).
SYN. *Rallus ceylonicus*, Gmelin.
HAB. Peninsular India; Ceylon.
A. Specimen from Gumsur. Presented by Capt. McPherson (1846).

Genus ORTYGOMETRA, Ray.

1669. O. CREX (*Pl. Enl.* 750).
SYN. *Gallinula crex*, L.
Crex pratensis, Bechstein.
HAB. Europe and W. Asia: common in Afghanistan.
A. Specimen from Norway. Presented by the Christiania University (1845). *B. C.* Do., from England. Mr. W. Davison (1846).

Genus RALLUS, L.

a. With shorter bills.

1670. R. PECTORALIS, Cuv. (Gould's *B. A.* Vol. VI, pl. 76).
SYN.? *R. philippensis*, L.
HAB. Australia.
A. Specimen purchased (1848).

1671. R. STRIATUS, L.
SYN. *R. gularis*, Horsfield.
Ayam-ayam, Sum.; *Tikussan*, Jav.
HAB. S. E. Asia and its islands. Common in India.
A. B. C. D. E. F. G. Series of specimens from the vicinity of Calcutta (1842-6).

b. With longer bills.

1672. R. AQUATICUS, L. (*Pl. Enl.* 749).
HAB. Europe and Asia.
A. Specimen from England. Presented by the Cornish Institution (1846).

1673. R. INDICUS, Blyth, *J. A. S.* XVIII, p.
SYN. *R. aquaticus* of India, auctorum.
HAB. India generally. Common.
A. B. Specimens from the vicinity of Calcutta (1843).

1674. R. SANGUINOLENTUS, Swainson, 2½ *Centen.*, p. 335.
HAB. Chili.
A. B. Specimens purchased (1843).

Genus GALLINULA, Brisson.

1675. G. CHLOROPUS (*Pl. Enl.* 877).
SYN. *Fulica chloropus* et *F. fusca*, L.
G. parvifrons, Blyth.
G. akool apud Jerdon, *Catal.*
Pan Paira, Dahuk Paira, B.; *Kushkul*, Kabul.
HAB. Europe, Asia, and N. Africa. Common in India.
A. B. Specimens from England. From the Cornish Institution (1846). *C. D. E. F.* Do., from the vicinity of Calcutta (1843-6). *G.* Var.? From the Mauritius, presented by Willis Earle, Esq. (1843). *H.* Var.? S. Africa. W. Cracroft, Esq. (1837).

1676. G. CRASSIROSTRIS, Gray (Griff. Cuv., VIII, 542, pl.).
HAB. Chili.
Specimen presented by H. E. Strickland, Esq. (1846).

Genus FULICA, L.

1677. F. ATRA, L. (*Pl. Enl.* 197).
SYN. *F. aterrima*, L.
F. æthiops et *F. leucoryx*, Sparrman.
F. pullata et *atrata*, Pallas.
Dasri, or *Dasárni*. H.; *Kushkul*, Kabul; *Ari*, Sindh.
HAB. Europe, Asia, and N. Africa. Common in India.
A. Specimen from the neighbourhood of Calcutta (1843).

Genus HELIORNIS, Bonnaterre.

1678. H. FULICA (*Pl. Enl.* 893).
SYN. *Colymbus fulica*, Boddaërt.
Plotus surinamensis, Gm.
H. fulicarius, Bonn.
HAB. S. America.
A. Specimen received from Mr. Bartlett (1843).

Order VIII. NATATORES.

Tribe LONGIPENNES.

Fam. LARIDÆ.

Subfam. LARINÆ.

Genus CATARRACTA, Brunnich.

1679. C. SKUA, Brunnich (Gould, *B. E.* pl. 439; *B. A.* Vol. VII, pl. 20).

SYN. *Larus catarrhactes*, L.
L. fuscus, Brisson.
C. antarctica, Lesson.
Stercorarius pomarinus apud Vieillot.

HAB. Arctic and Antarctic Oceans.
A. Specimen from Scotland. Mr. Bartlett (1844).

1680. C. POMARINA (Gould, *B. E.* pl. 440).

SYN. *Lestris pomarinus*, Temminck.
Catarractes parasita, var. *camtschatica*, Pallas.
Larus parasiticus, Meyer.
Stercorarius Lessonii (*?*), Degland.

HAB. Arctic seas.
A. Adult. *B.* Young. Scotland. Mr. Bartlett (1844-6).
C. Young. Newfoundland. M. Malherbe (1848).

1681. C. PARASITICA, Brunnich (Gould, *B. E.* pl. 441).

SYN. *Catarractes parasita*, Pallas.
Lestris Richardsonii, Swainson.

HAB. Northern seas.
A. B. Specimens from Mr. Bartlett and Mr. Davison (1844-6).

1682. C. CEPHUS, Brunnich (Gould's *B. E.* pl. 442).

SYN. *Lestris parasiticus*, Swainson.
L. crepidatus, Temminck.
L. Buffonii, Boie.

HAB. Northern seas.
A. Specimen from the Christiania University (1844).

Genus LARUS, L.

Gang Chil (*i. e.* 'Ganges Kite,' B.): *Badkhor*, Kabul.

1683. L. PACIFICUS, Latham (Gould's *B. A.* Vol. VII, pl. 19).

SYN. *L. leucomelas* et *L. frontalis*, Vieillot.
L. Georgii, King.
L. bathyrhynchus, McGillivray.

HAB. S. Australia; V. D. Land.
A. Young, presented by Capt. Fox (1844).

1684. L. MARINUS, L. (*Pl. Enl.* 266, 990; Gould, *B. E.*, pl. 430).
SYN. *L. nævius*, Gmelin.
L. maculatus, Boddaërt.
L. maximus, *L. Mulleri*, et *L. Fabricii*, Brehm.
HAB. Northern Atlantic; Mediterranean; Caspian.
A. Adult (now injured). Mr. Bartlett (1844).

1685. L. FUSCUS, L. (Gould, *B. E.*, pl. 431).
SYN. *L. flavipes*, Meyer.
L. argentatus apud Montagu.
HAB. Atlantic; Mediterranean; Red Sea; Indian Ocean; C. G. Hope; N. Zealand. Kabul (Burnes).
A. Adult, from Bay of Bengal. T. C. Jerdon, Esq. (1842).

1686. L. ARGENTATUS, Brunnich (*Pl. Enl.* 253; Gould, *B. E.*, pl. 434).
SYN. *L. glaucus*, Benich.
L. fuscus, Pennant and Montagu.
Laroides major, *L. argentatus*, *L. argentatoides*, et *L. argentaceus*, Brehm.
HAB. Atlantic; Mediterranean; Euxine.
A. Adult, winter. Cornish Institution (1845). *B.* Young. Mr. Bartlett (1843).

1687. L. GLAUCUS, Brunnich (Gould, *B. E.*, pl. 432).
SYN. *L. glacialis* et *L. giganteus*, Benich.
L. consul, Boie.
L. leucopterus, Vieillot.
HAB. Arctic seas; rare in latitude of Britain.
A. Semi-adult male, presented by the Christiania University (1849).

1688. L. LEUCOPTERUS, Faber (Gould's *B. E.*, pl. 433).
SYN. *L. islandicus*, Edmonston.
L. argentatus, Sabine.
L. glacialis et *L. arcticus*, McGillivray.
L. glaucoides, Temminck.
HAB. Northern regions: rare in latitude of Britain.
A. Young (now injured). H. E. Strickland, Esq. (1844).

1689. L. ICTHYÆTUS, Pallas (Ruppell, *Atlas*, pl. 17).
SYN. *L. kroikocephalus*, Jameson, *J. A. S.* VIII, 242.
Icthyaëtus Pallasi, Kaup.
HAB. Asia; Indian Ocean; common in Bay of Bengal.
A. Male, breeding dress (hood uniform black). Procured at the mouth of the Hughly, and presented (fresh) by Capt. Beaumont (1847). *B.* Another, shot after the breeding season, with the colour of hood undergoing change; described *loc. cit.* *C.* Specimen acquiring the adult winter dress. From Chaibasa. Capt. Tickell (1842). *D.* Young. Society's old collection.

1690. L. EBURNEUS, Gmelin (*Pl. Enl.* 994; Gould, *B. E.* pl. 436).
SYN. *L. niveus*, Martins.
L. candidus, Fabricius.
HAB. Arctic regions: extermely rare in latitude of Britain.
A. Specimen (nearly adult), presented by the Christiania University (1849).

1691. L. RISSA, L. (*Pl. Enl.* 253, 387; Gould's *B. E.* pl. 435).
SYN. *L. tridactyla*, Latham.
L. torquatus, L. gavia, et *L. canus*, Pallas.
Rissa Brunnichii, Leach.
HAB. Europe; N. Africa; W. Asia.
A. Adult, presented by the Christiania University (1849).

1692. L. CANUS, L. (*Pl. Enl.* 977; Gould, *B. E.* pl. 437).
SYN. *L. cyanorhynchus*, Meyer.
L. hybernus, Gmelin.
L. procellus, Bechstein.
HAB. Europe; W. Asia (Caspian).
A. Adult, summer dress. Presented by the Christiania University (1849). *B. C.* Others, winter dress. Mr. Bartlett, and the Cornish Institution (1843-5).

1693. L. NOVÆ HOLLANDIÆ, Stephens (Gould's *B. A.* Vol. VII, 20).
SYN. *L. Jamesonii*, Wilson.
L. scopulinus, Forster.
HAB. S. Australia; V. D. Land. Var. (?) in N. Australia.
A. B. Specimens presented by the Australian Institution (1845).

1694. L. CIRROCEPHALUS, Vieillot (*Gal. des. Ois.*, pl. 289).
SYN. *L. maculipennis* et *albipennis*, Lichtenstein.
L. poliocephalus, Pr. Max.
L. glaucotes, Meyer.
HAB. S. America.
A. B. Specimens from Peru. Purchased (1843).

1695. L. RIDIBUNDUS, L. (*Pl. Enl.* 960, 970; Gould, *B. E.* pl. 425).
SYN. *L. cinerarius* et *L. erythropus*, Gmelin.
L. atricilla et L. *nævia*, Pallas.
L. canescens, Bechstein.
L. capistratus, Temminck.
Sterna obscura, Latham.
HAB. Europe; Asia; N. Africa: much less common in L. Bengal than No. 1695.
A. Adult, summer dress. England. Mr. Davison (1845). *B.* Adult, winter dress. *C.* Young. Calcutta bazar (1843-4).

1696. L. BRUNNICEPHALUS, Jerdon, *Madr. Journ.* XIII, 225.
SYN. *L. ridibundus*, var., Sundevall.
HAB. India generally. Common.
A. Adult, summer dress. *B.* Do., winter dress. *C. D.* Young. Calcutta bazar (1842-4).

Subfamily. STERNINÆ.

Gáng Chil, B.; *Tihári*, H.

Div. 1. Skimmers.

Genus RHYNCHOPS, L.

1697. RH. ALBICOLLIS, Swainson (Gray's *Ill. Gen. Birds*, pl. 180).

HAB. India generally.

A. Adult, shot on the Ganges. R. W. G. Frith, Esq. (1843). *B*. Young. Calcutta bazar (1847).

Div. 2. Marsh Terns.

Genus SYLOCHELIDON, Brehm.

1698. S. CASPIUS (Savigny, *Ois. d'Ægypt*, pl. 9, f. 1; Gould's *B. A.* Vol. VII, pl. 22).

SYN. *Sterna caspia*, Latham.
S. strenuus, Gould.
Thalassites, Catal., No. 405, Jerdon.

HAB. India generally (nec L. Bengal), and the warmer regions of the Old World; Australia; rare in N. W. Europe.

A. Adult, summer dress. From Australia. H. E. Strickland, Esq. (1846). *B*. Do., winter dress. From S. India. T. C. Jerdon, Esq. (1843).

Genus GELOCHELIDON, Brehm.

1699. G. ANGLICUS (Wilson's *Am. Orn.* pl. 72, f. 6).

SYN. *Sterna anglica*, Montagu.
St. aranea, Wilson (apud Audubon, Selby, and de Kay).
St. risoria et *St. meridionalis*, Brehm.
St. nilotica, Gmelin.
St. affinis, Horsfield (nec Ruppell).

HAB. Warmer regions of the Old World, extending also to America. Common in India.

A. Adult, summer dress. *B. C*. Do., winter dress. Calcutta bazar (1842-6).

Genus HYDROCHELIDON, Boie.

1700. H. INDICA.

SYN. *Viralva indica*, Stephens.
Sterna hybrida, Pallas.
St. leucopareia, Natterer.
St. grisea, Horsfield.
St. cantiaca (?) apud Raffles.
St. similis, Gray (Hardw. *Ill. Ind. Zool.*).
Samar Saut?, Sum.; *Puter-lahut*, Jav.

HAB. Europe; Asia; Africa; Malay countries: rare in N. W. Europe: very common in India. *N. B. H. fluviatilis*, Gould (*B. A.* Vol. VII, pl. 31,) of Australia, would seem to differ only in having the entire throat white when in summer dress.

A. Adult, summer dress. *B*. Do., winter. *C*. Do., the head darkening. *D*. Young. Calcutta bazar (1842-6).

1701. H. NIGRA (*Pl. Enl.* 333).

SYN. *Sterna nigra, nævia,* et *L. larifor-mis* (*?*), L.
St. fissipes, Pallas.
St. leucoptera, Temminck.
} apud G. R. Gray.

HAB. S. Europe; Africa; W. Asia. Rare in N. and C. Europe.

A. Specimen in summer dress, from Algeria. M. Malherbe (1848).

1702. H. FISSIPES (*Pl. Enl.* 924).

SYN. *Sterna fissipes,* L.
St. nævia, et *St. nigra,* Brisson.
} apud G. R. Gray.
St. nigra apud plurimos auctores.

HAB. Europe and N. America; N. Africa; Madeira; W. Asia.
A. Adult, summer dress. Algeria. M. Malherbe (1848). *B.* Another, from Norway (where rare). Christiania University (1849). *C. D.* Specimens in winter dress. England. Mr. Bartlett and H. E. Strickland (1843-6).

Div. 3. Shore and River Terns.

Genus THALASSEUS, Boie.

1703. TH. CRISTATUS (Gould's *B. A.* Vol. VII, pl. 23).

SYN. *Sterna cristata,* Stephens (nec Swainson).
St. pelicanoides, King.

HAB. Indian Ocean; China; N. Australia.
A. Specimen from the Maldives. E. L. Layard, Esq. (1848). *B.* Bad skin, from Tenasserim coast. Dr. Helfer (1842).

1704. TH. BENGALENSIS (Gould's *B. A.* Vol. VII, pl. 25).

SYN. *Sterna bengalensis,* Lesson.
St. media (*?*), Horsfield.
Th. Torresii, Gould.
Sterna, Jerdon's *Catal.,* No. 402.
Toyang kacher (*?*), Jav.

HAB. Indian and Malayan seas; N. Australia.
A. Specimen in summer dress. From the Nicobars. Capt. Lewis. (1846). *B.* Another, winter dress. Singapore. N. de Storr (1843).

1705. TH. BOYSII.

SYN. *Sterna Boysii,* Pennant.
St. cantiaca, St. striata, et *St. africana* (*?*), Gmelin.
St. columbina, Schrank.
St. canescens, Meyer.

HAB. Europe; Africa; N. America.
A. Specimen from England. Mr. Bartlett (1844).

Genus STERNA, L.

Subgenus SEENA, Blyth.

1706. SEENA AURANTIA (Hardw. *Ill. Ind. Zool.*,—bad).

Syn. *Sterna seena*, Sykes.
St. aurantia, et *St. brevirostris*, Gray.
Hab. India generally. Common along the rivers.
A. Adult, summer dress. *B.* Do., winter. *C.* Young. Vicinity of Calcutta (1843-5).

Subgenus STERNA.

1707. St. paradisea, Brunnich (Vieillot, *Gal. des Ois.*, pl. 290).
Syn. *St. Dougalli*, Montagu.
Hab. Europe; Asia; Africa; America: coasts of India.
A. Adult, from England. Mr. Bartlett (1843). *B.* Another. *C.* Young. From Algeria. M. Malherbe (1848).

1708. St. hirundo, L. (*Pl. Enl.* 987).
Syn. *St. fluviatilis*, Naumann.
Hab Europe; Asia; Africa: Nilgiris; Ceylon.
A. Specimen in summer dress, from Nilgiris. T. C. Jerdon, Esq. (1843). *B.* Do. *C.* Do., winter. Ceylon. R. Templeton, Esq. (1846-7). *D.* Do., summer dress. England. Mr. Bartlett (1843). *E.* Do., winter. Algeria. M. Malherbe (1848).

1709. St. Wilsoni, Bonaparte (Wilson's *Am. Orn.* pl. 60, f. 1).
Syn. *St. hirundo* apud Wilson, de Kay, &c.
Hab. America. (Very closely affined to last.)
A. Specimen from Peru. Purchased (1843).

1710. St. macroura, Naumann.
Syn. *St. arctica*, Temminck.
St. hirundo, Faber.
St. argentata, Brehm.
St. brachytarsa (*?*), Graba.
Hab. Northern regions chiefly.
A. Specimen from England. Mr. Bartlett (1844).

1711. St. javanica, Horsfield (Hardw. *Ill. Ind. Zool.*)
Syn. *St. melanogaster*, Temminck.
St. acuticauda, Gray.
Hab. India and Malay countries. Common along the rivers.
A. B. Adults, summer dress. *C. D.* Do. Winter dress. Procured on the Hughly (1843-6).

Subgenus STERNULA, Boie.

1712. St. minuta (*Pl. Enl.* 996; Wilson's *Am. Orn.* pl. 60, f. 2).
Syn. *Sterna minuta*, L.
St. sumatrana (*?*), Raffles.
St. sinensis (*?*), Gmelin,—young.
Toyang, Jav.
Hab. Northern hemisphere: represented in S. America and in Australia by closly allied species. Common on W. coast of India.
A. B. C. Specimens from S. India, in summer dress.

T. C. Jerdon, Esq. (1844). *D.* Do., winter dress. From England. Mr. Bartlett (1843).

Div. 4. Oceanic Terns.

Genus ONYCHOPRION, Wagler.

1713. ON. MELANAUCHEN (Gould's *B. A.* Vol. VII, pl. 28).

SYN. *Sterna melanauchen*, Temminck.

St. minuta, Horsfield (apud G. R. Gray).

HAB. Indian Ocean; Malayan seas; N. Australia. Breeds numerously on Nicobar Islands.

A. B. Specimens from the Nicobars. Rev. J. Barbe and Capt. Lewis (1846).

1714. ON. ANASTHÆTUS (Sonnerat, *Voy. á la Nouv. Guinée*, pl. 84).

SYN. *Sterna anasthætus*, Scopoli.

St. panayana, Latham (nec apud Gould *? B. A.* Vol. VII, pl. 33).

St. infuscata, Lichtenstein (from E. Indies).

St. antarctica, *Mus. de Paris*, Lesson (Calcutta).

HAB. Indian Ocean; Bay of Bengal; Malayan Seas.

A. B. Specimens, winter dress. Singapore, M. de Storr (1844). Bay of Bengal. L. C. Stewart Esq. (1844).

Genus ANOUS, Leach.

1715. A. STOLIDUS (Gould's *B. A.* Vol. VII, pl. 34).

SYN. *Sterna stolida*, L.

A. niger, Stephens.

Gaira fusca, Brisson.

St. philippina (?), Latham.

Chamar, Malay (generic).

HAB. Of very general distribution, over the temperate and warmer parts of the Ocean. Common in the Indian seas.

A. Specimen procured at the mouth of the Ganges, and brought alive to Calcutta. Mr. Cleghorn (1848). *B.* Another, from the Mauritius. Willis Earle, Esq. (1843). *C.* Young, from Cape G. Hope. J. F. Cathcart, Esq. (1838).

1716. A. TENUIROSTRIS (Gould's *B. A.* Vol. VII, pl. 36).

SYN. *Sterna tenuirostris*, Temminck.

A. leucocapillus, Gould.

HAB. Coasts of Africa; Indian Ocean; Australian Seas.

A. Specimen procured off Madeira. W. Thompson, Esq. (1848). *B.* Do: (much injured), from mouth of Ganges. J. McClelland, Esq. (1842).

Genus LAROSTERNA, Blyth.

1717. L. INCA (*Voy. de la Coquille*, pl. 47).

SYN. *Sterna inca*, Lesson.

HAB. Chili.

A. B. Specimens purchased (1843).

Fam. PROCELLARIDÆ.

Genus DIOMEDEA, L.

1718. D. EXULANS, L. (Gould's *B. A.* Vol. VII, pl. 38).
SYN. *Plautus albatrus*, Klein.
HAB. S. Ocean.
A. Specimen presented by H. T. Prinsep, Esq. (1844).

1719. D. MELANOPHRYS, Temminck (Gould's *B. A.* Vol. VII, pl. 43).
HAB. S. Ocean.
A. Adult. Mr. E. Lindstedt (1846). *B*. Young. Mr. F. Harris (1843).

1720. D. CHLORORHYNCHOS, Latham (Gould's *B. A.* Vol. VII, pl. 42).
SYN. *D. chrysostoma*, Forster.
HAB. S. Ocean.
A. Specimen. Society's old collection.

1721. D. FULIGINOSA, Gmelin (Gould, *B. A.* Vol. VII, pl. 44).
SYN. *D. palpebrata*, Forster.
D. antarctica, Banks.
D. fusca, Audubon.
HAB. Southern Ocean.
A. Specimen presented by E. Lindstedt, Esq. (1847). *B*. Another, younger (now injured). Mr. E. Hæberlet (1846).

Genus PROCELLARIA, L.

1722. PR. GIGANTEA, Gmelin (Gould's *B. A.* Vol. VII, pl. 45).
HAB. Southern Ocean.
A. Specimen (bad). Presented by Dr. Pearson (1837).

1723. PR. GLACIALIS, L. (*Pl. Enl.* 59).
SYN. *Pr. cinerea*, Brisson.
Pr. hyemalis, Brehm.
HAB. Arctic Ocean; N. Atlantic.
A. Specimen from Mr. Bartlett (1843).

1724. PR. GLACIALOIDES, A. Smith (Gould's *B. A.* Vol. VII, pl. 48).
SYN. *Pr. tenuirostris*, Audubon.
HAB. S. Ocean.
A. Specimen presented by Mr. E. Hæberlet (1846).

1725. PR. COOKII, G. R. Gray (Gould's *B. A.* Vol. VII, pl. 51).
SYN. *Pr. velox*, Solander, *MS.*
Pr. leucoptera, Gould.
HAB. Southern Ocean.
A. Specimen from Mr. Bartlett (1844).

1726. Pr. turtur, Solander (Gould's *B. A.* Vol. VII, pl. 54).
Hab. S. Ocean.
A. Specimen presented by Mr. J. Symonds (1844).

Subgenus DAPTION, Stephens.

1727. D. capensis (Gould's *B. A.* Vol. VII, pl. 53).
Syn. *Procellaria capensis*, Latham.
Pr. nævia, Brisson.
Hab. Southern Ocean.
A. B. Specimens from Cape Horn. Purchased (1843).

Genus Prion, Lacepede.

1728. Pr. vittatus (Gould's *B. A.* Vol. VII, pl. 55).
Syn. *Procellaria vittata*, Forster.
Pr. Forsteri, Latham.
Hab. Southern Ocean.
A. Specimen presented by Mr. Ridesdale (1844). *B.* Another, Mr. McCann (1846).

Genus Pelicanoides, Lacepede.

1729. P. urinatrix (Gould's *B. A.* Vol. VII, pl. 60).
Syn. *Procellaria urinatrix*, Latham.
Pr. tridactyla, Forster.
Puffinaria Garnottii, Lesson.
Hab. S. Ocean: Bay of Bengal (apud Sundevall).
A. Specimen from Chili. Purchased (1843).

Genus Puffinus, Brisson.

1730. P. major, Faber (*Pl. Enl.* 962; A. Smith, *S. Afr. Zool.*, Aves, pl. 56).
Syn. *Procellaria puffinus*, L.
Pr. grisea, Gmelin.
P. fuliginosus, Strickland.
P. cinereus, A. Smith.
Hab. Atlantic; Mediterranean; S. Ocean.
A. Specimen presented by the Cornish Institution (1845).

1731. P. anglorum, Ray (Edwards, pl. 359).
Syn. *Procellaria puffinus*, Brunnich.
Pr. arcticus, Faber.
Hab. N. Atlantic.
A. Specimen received from Mr. Bartlett (1843).

Genus Thalassidroma, Vigors.

1732. Th. oceanica, Kuhl (Gould's *B. A.* Vol. VII, pl. 65).
Syn. *Th. Wilsonii*, Bonaparte.
Procellaria pelagica apud Wilson.
Hab, N. and S. Oceans.
A. Specimen (bad), presented by Mr. X. Nicholas (1843).

1733. Th. pelagica (Edwards, pl. 90).
Syn. *Procellaria pelagica*, L.
Hab. N. Atlantic.
A. B. C. Specimens from Mr. Davison and Mr. Bartlett (1843-7).

1734. Th. Leachii.
Syn. *Procellaria Leachii*, Temminck.
Pr. Bullocki, Selby.
Pr. leucorrhœa (*?*), Vieillot.
Hab. N. Ocean.
A. Specimen presented by the Christiania University (1849).

Tribe TOTIPALMATI.

Fam. PELICANIDÆ.

Genus Phaëton, L.

1735. Ph. æthereus, L. (the young; Gould's *B. A.* Vol. VII, pl. 73).
Syn. *Ph. phœnicurus*, Gmelin (the adult).
Hab. Bay of Bengal; Indian Ocean; S. Seas, &c.
A. Adult. L. C. Stewart, Esq. (1845). *B.* Young, from Bay of Bengal. M. Busch (1846). (*N. B.* The beak of this bird turns red before it assumes the adult plumage).

1736. Ph. candidus (*Pl. Enl.* 369; Edwards, pl. 149, f. 2).
Syn. *Lepturus candidus*, Brisson.
Ph. melanorhynchos, Gmelin (the young).
Hab. Bay of Bengal; Indian Ocean; S. Seas, &c.
A. B. Adults, from the Mauritius. Willis Earle, Esq. (1843).

Genus Sula, Brisson.

1737. S. bassana (*Pl. Enl.* 278, 986).
Syn. *Pelicanus bassanus*, L.
P. maculatus, Gmelin. } Young.
P. punctatus, Sparrman. }
S. alba, Temminck.
Hab. N. and S. Atlantic.
A. Adult (neck very rufescent). Mr. Bartlett (1843).
B. Another. *C.* Young. Christiania University (1849).

1738. S. fiber (Gould's *B. A.* Vol. VII, pl. 78).
Syn. *Pelicanus fiber* et *P. sula*, L.
S. australis, Stephens.
S. braziliensis, Spix.
Hab. Tropical Seas. Common in Bay of Bengal.
A. Specimen (not fully adult). From near Malacca. Mr. E. Lindstedt (1847).

1739. S. PISCATOR (Gould's *B. A.* Vol. VII, pl. 79).
SYN. *Pelicanus piscator*, L.
S. candida, Stephens.
S. erythrorhyncha, Brandt.
S. rubripes, Gould.
HAB. Tropical Seas. Common in Bay of Bengal, &c.
A. Specimen of young. From the Maldives. E. L. Layard, Esq. (1848).

Genus PELICANUS, L.

1740. P. ONOCROTALUS, L. (Edwards, pl. 93).
SYN. *P. roseus*, Eversmann, } apud G. R. Gray.
Onocrotalus phœnix, Lesson, }
HAB. S. Europe; W. Asia; Africa.
A. Stuffed head and neck (copious pendent crest 5 in. long, and with the rest of the feathers very unlike those of either Indian Pelican).

1741. P. JAVANICUS, Horsfield (Stephens, in Shaw's Zoology, XIII, 109, pl. 12).
SYN. *P. onocrotalus* of India, auctorum (also of Pallas?).
P. crispus (?), Bruch.
Hawasil, and *Gaganbhér*, H.; *Gara Polo*, Beng. (generic); *Lampipi*, Malay; *Bukkul*, Java.
HAB. S. E. Asia and its islands. Common in India.
A. Large adult (bill from forehead 15½ in.; wing 27 in.) Society's old collection. *B*. Small female in full breeding dress, with interspersed narrow hispid breast-plumes of a bright ferruginous hue, indicating the origin of the fable of the Pelican feeding its young with blood from its own breast (bill from forehead 11½ in.; wing 22½ in.). Vicinity of Calcutta (1844).

1742. P. PHILIPPENSIS, Gmelin (*Pl. Enl.* 965).
SYN. *P. roseus* et *P. manillensis*, Gmelin.
Won-bo, Arakan; *Walang kadda*, Jav.
HAB. S. E. Asia and its islands. More common in L. Bengal than the preceding species.
A. Adult female, described *Ann. Mag. N. H.*, XIV, 122. *B*. Young male, considerably larger. Calcutta bazar (1842-4).

1743. P. FUSCUS, L. (*Pl. Enl.* 957).
SYN. *P. carolinensis*, Gmelin.
Onocrotalus Hernandezii, Wagler.
HAB. N. and S. America.
A. Specimen from Peru. Purchased (1843).

Genus GRACULUS, L.

1744. GR. CARBO, L. (*Pl. Enl.* 927).

SYN. *Carbo cormoranus*, Meyer.
C. albiventris, Tickell, *J. A. S.* XI, 463,—the young.
Gho-ghur, H.; *Khambo*, Sindh.

HAB. Northern hemisphere. Not common in most parts of India and never in L. Bengal. Most numerous towards the Himalaya.
A. Male in breeding dress (particularly fine). Deyra Doon. Capt. Hutton (1849). *B.* Younger male, in breeding dress. England. Mr. Bartlett (1843). *C.* Specimen in winter dress. Darjiling. Mr. Webb (1845). *D.* Young. S. India. T. C. Jerdon, Esq. (1846).

1745. GR. SINENSIS (*Atlas* to Macartney's Embassy to *China*, pl.).

SYN. *Pelicanus sinensis*, Shaw.
Phalacrocorax fuscicollis, Stephens.
Ph. leucotis, Blyth.
Carbo leucogaster, Meyer.
C. nudigula, Brandt.

HAB. Asia, chiefly to the eastward. In India, commonest towards the Himalaya, rare in the peninsula, and never seen in L. Bengal.
A. Adult, in breeding plumage (described as *Ph. leucotis*). Society's old collection. *B.* Adult. *C. D.* Young. S. India. T. C. Jerdon, Esq. (1846).

1746. GR. BRAZILIANUS (*Pl. Enl.* 974)?

SYN. *Procellaria braziliana*, Gmelin.
Pelicanus vigua, Vieillot.
Phalacrocorax niger, King.

HAB. S. America.
A. Specimen from Chili. Purchased (1843).

1747. GR. LINNÆI, G. R. Gray (*Pl. Col.* 322).

SYN. *Pelicanus graculus*, L., apud G. R. Gray (nec apud Temminck).
P. leucogaster, Vieillot.
Carbo cristatus, Temminck.

HAB. Europe; Africa to C. G. Hope.
A. Specimen in breeding dress (remarkably fine). Scotland. Mr. Bartlett (1843). *B.* Another. Non-breeding dress. Christiania University (1847).

1748. GR. PYGMÆUS (Hardw. *Ill. Ind. Zool.*).

SYN. *Pelicanus pygmæus*, Pallas.
Carbo javanicus, Horsfield.
C. melanognathus, Brandt.
Phalacrocorax niger, Vieillot.
Halieus africanus apud Sundevall.
Jograbhi, *Pan-koul*, H.; *Pún-Kowa* (i. e. 'Water Crow'), *Pán-Kowri*, and *Pún-kouti*, B.; *Kaben*, Sindh; *Tong-gyee*, Arakan; *Pechuch*, Jav.

HAB. Asia and its archipelago. Extremely common throughout India.

A. B. Adults in breeding dress (with white coronal spot). *C.* Do. do., younger (no coronal spot). *D. E.* Do., winter dress. *F.* Half-grown pullus (then bald-headed, and the body clad with black down). All from the vicinity of Calcutta (1842-4).

Genus PLOTUS, L.

1749. PL. MELANOGASTER, Gmelin.

SYN. *Pl. Vaillantii* of India, auctorum.

Banwa, and *Pan Dubbi*, H.; *Goyar*, B.; *Teng-gyee*, Arakan; *Dandang Ayer*, Sum.

HAB. S. E. Asia and its archipelago. Common throughout India.

A. Male, in breeding dress (gular skin dusky, throat speckled over with black feathers). *B.* Do., winter dress. *C.* Female, do. *D.* Young (covered with white down). All from the vicinity of Calcutta (1843-6).

Tribe LAMELLIROSTRES.

Fam. ANATIDÆ.

Háns (root of *Anser*, &c.), H.

Subfam. PHŒNICOPTERINÆ.

Genus PHŒNICOPTERUS, L.

1750. PH. ROSEUS, Pallas.

SYN. *Ph. antiquus*, Temminck.

Bog-háns ('Heron Goose'), H.; *Kaan T'hánti*, B.

HAB. Warmer regions of the old continent. Common in parts of India.

A. Fine male. From Algeria. M. Malherbe (1848). *B.* Another. Upper Provinces. Presented (alive) by Mr. J. J. Athanass (1843). *C.* Young. Calcutta bazar? Society's old collection.

SMALLER INDIAN FLAMINGO. Female of last?* *Ph. minor* (?), Vieillot. (Leg but 17 or 18 instead of 23 or 24 in. In other respects similar; the bill scarcely smaller, and the wing but 1 in. shorter than in the long-legged specimens). *D.* Adult female. *E.* Younger do. *F.* Do. do. (rusty-headed, as common in various other *Anatidæ*). Calcutta bazar (1843-6). *G. H.* Young, also from Calcutta bazar. Society's old collection.

* Of several specimens of different ages obtained from the Calcutta bazar, all were females, and had the same length of leg. Two long-legged specimens examined, both from the Upper Provinces, were both males. On the other hand, Mr. Jerdon mentions a small Indian race, appearing in separate flocks.—*Madras Journ.* XII, 217.

1751. Ph. chilensis, Molina.
Syn. *Ph. ignipalliatus,* Is. Geoffroy et d'Orbigny.
Hab. S. America.
A. Specimen from Chili. Purchased (1843).

Subfam. ANSERINÆ.

Div. 1. Swans.

Genus Cygnus, L.

1752. C. olor (*Pl. Enl.* 913).
Syn. *Anas olor,* L.
C. sibilus, Pallas.
C. mansuetus, Ray.
C. gibbus, Bechstein.
Hab. N. Asia and of E. Europe, chiefly.
A. Female (nearly adult). Presented by Babu Rajendra Mallicka (1848).

1753. C. atrata (Gould's *B. A.* Vol. VII, pl. 6).
Syn. *Anas atrata,* Latham.
A. plutonia, Shaw.
Anas novæ hollandiæ, Bonnaterre.
Hab. Australia.
A. Female. Presented (fresh, with head injured by ants), by C. Huffnagle, Esq. (1845). *B.* Another. Australian Institution (1845).

Div. 2. Ordinary Geese.
Raj Háns, H.

Genus Anser, Brisson.

1754. A. cygnoides, (*Pl. Enl.* 347).
Syn. *Anas cygnoides,* L.
Hab. China, where domesticated. Unknown in the wild state. (*N. B.* The domestic Geese of India are a hybrid race between this and the next species).
A. Male. Presented by Mrs. Ashburner (1847).

1755. A. cinereus, Meyer (Gould's *B. E* pl. 347,—very bad; Yarrell's *Br. Birds,* III, 53).
Syn. *Anas anser,* L.
Anser ferus, Gesner.
A. vulgaris, Pallas.
A. palustris, Fleming.
Hab. Northern hemisphere. Common in India; somewhat rare in W. Europe
A. Male (abdomen nearly wholly black). *B.* Female (with little black on abdomen). Calcutta bazar (1843).

1756. A. BRACHYRHYNCHUS, Baillon (Yarrell's *Br. Birds*, III, 64).
SYN. *A. phœnicopus*, Bartlett.
A. brevirostris, Thienem.
A. rufescens (?), Brehm.
HAB. N. hemisphere. Panjab.*
A. Specimen from Mr. Bartlett (1843).

Subgenus BERNICLA, Stephens.

1757. B. INDICA (Gould's *Century*, pl. 80,—bad; the bill and feet should be yellow).
SYN. *Anas indica*, Gmelin.
Anser undulatus, Brandt.
HAB. India generally, in the cold season. Common.
A. Male. Calcutta bazar (1842).

1758. B. LEUCOPSIS (*Pl. Enl.* 855).
SYN. *Anser leucopsis*, Bechstein.
A. bernicla, Pallas.
A. erythropus, Gmelin.
HAB. N. Europe and Asia.
A. Specimen from England. Mr. Bartlett (1844).

1759. B. BRENTA (*Pl. Enl.* 342).
SYN. *Anser brenta*, Pallas.
Anas bernicla, L.
A. torquata, Belon.
HAB. N. regions.
A. Specimen from England. Mr. Bartlett (1843).

Div. 3. Perching Geese.

Genus DENDROCYGNA, Swainson.
Silli, H.; *Saral*, B.

1760. D. VIDUATA (*Pl. Enl.* 808).
SYN. *Anas viduata*, L.
HAB. S. America.
A. Specimen from Mr. Bartlett (1848).

1761. D. MAJOR, Jerdon (*Ill. Ind. Orn.*, pl. 23).
HAB. India generally. Not rare in L. Bengal.
A. Male. *B.* Female. Calcutta bazar (1843).

1762. D. ARCUATA (Horsfield, *Zool. Res. in Java*, pl. ,—not good).
SYN. *Anas arcuata*, Cuvier.
A. javanica, Horsfield.
Mareca awsuree, Sykes.
Butunth, Sindh; *Tseet-tsa-lee*, Arakan; *Bilibi*, Sum.; *Melivis*, Jav.
HAB. India and Malay countries. Extremely common. *N. B.* The Australian species referred to this by Mr. Gould (*B. A.* Vol. VII, pl. 14), is obviously distinct and new.

* We have seen an unmistakeable figure of this species in a collection of Sikh coloured drawings of the birds of the Punjab.

Genus SARCIDIORNIS, Eyton.

1763. S. MELANOTUS (*Pl. Enl.* 937; Pennant's *Ind. Zool.*, pl. 11).
SYN. *Anser melanotus*, Pennant.
Núkta, H.; *Tau-bai*, Arakan.
HAB. India and Burma. Not common in L. Bengal.

1764. S. (?) LEUCOPTERUS, Blyth, *J. A. S.* XVIII, p.
HAB. Burma (Tenasserim provinces).
A. An injured skin, presented by Capt. Berdmore (1849).

Genus NETTAPUS, Brandt.*

1765. N. PULCHELLUS, Gould (*B. A.* Vol. VII, pl. 4).
HAB. N. Australia.
A. Specimen purchased (1846).

1766. N. COROMANDELIANUS (*Pl. Enl.* 949, 950; Hardw. *Ill. Ind. Zool.*)†
SYN. *Anas coromandeliana*, Gmelin.
Bernicla girra, Gray.
Dendrocygna affinis, Jerdon—winter dress.
Girja, and *Girri*, H.; *Ghangerel*, B.; *Karagat*, Arakan.
HAB. India and Malay countries. Extremely common.
A. B. Males in summer dress (collar round base of neck). *C.* Young do., assuming adult winter dress (which has no collar). *D.* Female. *E.* Another, with entire under-parts deep rusty. Calcutta bazar (1842-3).

Div. 4. Shieldrakes.

Genus CASARCA, Bonap.

1767. C. CANA (Brown's 'Zoology,' pl. 41).
SYN. *Anas cana*, Gmelin.
A. ægyptiaca, var. *A*, Latham.
Oie Sauvage a tête grise de la côte de Coromandel, Sonnerat.
HAB. S. Africa.
A. Specimen presented by W. Cracroft, Esq. (1837), and described *J. A. S.* XVII, 254.

* The birds of this genus never stand up as represented in Mr. Gould's plates but, after walking a few steps on the ground, instantly squat. In the wild state they are probably never seen on the ground; but perch freely, and build in hollow trees or unused chimneys, &c. A bird of this genus could not stand on one leg, as represented by Mr. Gould, *B. A.* Vol. VII, pl. 5, f. 2.

† Mr. Gould's figures, *B. A.* Vol. VI, pl. 5, and stated in the accompanying description to be of the natural size, accord quite with the Indian bird, except that the latter has always a black *dertrum* when in summer dress: in his Introduction, however, Mr. Gould states—"My figures are stated to be of the natural size, but this is an error: they are considerably smaller;" and he now terms the Australian species *N. albipennis*. Mr. G. R. Gray, however, refers this as a synonym of No. 1782.

FROM THE BOMBAY BRANCH OF THE ASIATIC

1768. C. RUTILA (Gould's *B. E.* pl. 358).

SYN. *Anas rutila*, Pallas.
A. casarca, L.
A. rubra, Gmelin.
Surkhab, and *Chukwa*, male, *Chukwi*, female, H.

HAB. Asia generally; N. Africa: rare in Europe: common in India.

A. Male, breeding dress (with black collar). *B.* Female. *C.* Do., faded plumage. *D.* Young. Calcutta bazar (1842-4).

Genus TADORNA, Leach.

1769. T. VULPANSER, Fleming (*Pl. Enl.* 53; Gould's *B. E.* pl. 357).

SYN. *Anas tadorna*, L.
A. cornuta, Gmelin.
T. familiaris, Boie.
T. Bellonii, Stephens.
Mekez (male), *Alikaz* (female), Kabul; *Shah Murghábi*, *Ali-jur gub*, and *Niraji*, Sindh.

HAB. Europe; Asia; N. Africa. Not common in L. Bengal; more so on the Indus.

A. Male. *B.* Female. *C. D.* Young. Calcutta bazar (1843-4).

Subfam. ANATINÆ.
Háns, H.; *Bigri*, B.

Genus ANAS, L.

Subgenus SPATULA, Boie.

1770. SP. CLYPEATA (*Pl. Enl.* 971, 972).

SYN. *Anas clypeata*, L.
A. rubens, Gmelin.
A. mexicana, Latham.
A. platalea, Vieillot.
Tridari, H.; *Alipát*, and *Kachuk Mal*, Sindh.

HAB. Europe; Asia; Africa; N. America. Common in India.

A. Male, breeding dress. *B.* Do., acquiring breeding dress. *C.* Do., non-breeding dress. *D.* Female. Calcutta bazar (1842-3).

Subgenus ANAS.

1771. A. BOSCHAS, L. (*Pl. Enl.* 776, 777).

SYN. *A. fera*, Brisson.
A. domestica et *A. adunca*, L.
A. curvirostra, Pallas,
A. purpureo-viridis, Schinz,
A. Breweri, Audubon.
} Varieties.
Subz-gurdan ('green-neck'), Persian; *Niroji*, Sindh.

Hab. N. Hemisphere: in India, confined to the Upper Provinces; never L. Bengal, nor S. India.

A. Male. *B*. Female. From England. Mr. Bartlett (1843).

1772. A. superciliosa, Gmelin (Gould's *B. A.* Vol. VII, pl. 9).

Syn. *A. leucophrys*, Forster.

Hab. S. Australia; N. Zealand.

A. Specimen presented by the Sydney Institution (1846).

1773. A. pœcilorhyncha, Pennant (*Ind. Zool.* pl. 13; Hardw. *Ill. Ind. Zool*).

Hab. India generally (not migratory); Burma: not very common in L. Bengal.

A. Male. *B*. Female. Calcutta bazar (1842.)

1774. A. (?) caryophyllacea, Latham (Jerdon's *Ill. Ind. Orn.*, pl. 34; G. R. Gray, *Ill. Gen. Birds*, pl. ,—bill and feet coloured erroneously).

Syn. *A. erythrocephala*, Bonnaterre.

Hab. India generally; Burma. Not common in L. Bengal.

A. Male (head and neck deep rosy, the occipital crest dusky). *B* Another (colour of head less bright, the occipital crest rich pink without a tinge of dusky). *C*. Young male. *D. E*. Females. Calcutta bazar (1843-7).

Subgenus DAFILA, Leach.

1775. D. acuta (*Pl. Enl.* 954; Gould's *B. E.* pl. 365).

Syn. *Anas acuta*, L.

A. caudacuta, Ray.

A. longicauda, Brisson.

A. tsitzihoa, Vieillot.

Kokarali, Sindh; *Sink-dúm* (*i. e.* 'Pin-tail'), Kabul.

Hab. N. Hemisphere. Extremely common throughout India.

A. Male. *B*. Female. *C*. Do. (very rusty). Calcutta bazar (1843).

1776. D. erythrorhyncha.

Syn. *Anas erythrorhyncha*, Gmelin.

A. pyrrhocephala, Forster.

Hab. S. Africa.

A. Specimen presented by W. Cracroft, Esq. (1837).

Subgenus CHAULELASMUS, G. R. Gray.

1777. Ch. streperus (*Pl. Enl.* 958).

Syn. *Anas strepera*, L.

A. platyrhynchus, Ray.

A. kekuscha, Gmelin.

Chauliodus capensis, Swainson.

Sya-dúm, Kabul.

Hab. N. Hemisphere; S. Africa. Rather common in India.
A. Male. *B.* Female. Calcutta bazar (1843).

Subgenus MARECA, Stephens.

1778. M. PENELOPE (*Pl. Enl.* 825; Gould's *B. E.* pl. 366).
Syn. *Anas penelope*, L.
A. fistularis, Brisson.
Chéoon, Nepal.
Hab. Europe; Asia; N. Africa. Moderately common in India.
A. Old male. *B.* Younger do. *C.* Male, assuming breeding dress. *D.* Female. Calcutta bazar (1843).

Subgenus QUERQUERDULA, Stephens.

1779. Qu. (?) GLOCITANS.
Syn. *Anas glocitans*, Pallas (nec Gmelin).
A. picta, Steller.
A. torquata, Mess.
A. formosa, Georgi.
A. baikal, Bonnaterre.
Hab. N. E. Asia. Extremely rare in L. Bengal.
A. Male, procured in Calcutta bazar (1844).

1780. Qu. CRECCA (*Pl. Enl.* 947).
Syn. *Anas crecca*, L.
Tulsia Bigri, B.; *Juruku*, or *Churuku*, Kabul.
Hab. Europe; Asia; N. Africa. Common in India.
A. Male. *B.* Female. *C.* Do. (very rusty). Calcutta bazar (1843).

1781. Qu. CIRCIA (*Pl. Enl.* 946).
Syn. *Anas querquerdula* et *A. circia*, L.
Hab. Europe; Asia; N. Africa. Extremely common in India.
A. Male. *B.* Female. *C.* Do. (exceedingly rusty). Calcutta bazar (1842-3).

1782. Qu. CÆRULEATA (*Zool. Journ., Supp.*, pl. 29; Jardine and Selby, *Orn. Ill.*, n. s., pl. 23).
Syn. *Anas cæruleata*, Lichtenstein.
A. cyanoptera, Vieillot.
A. Rafflesii, King.
Hab. Southernmost parts of America.
A. Male, from Chili. Purchased (1843).

Subgenus AIX, Boie.

1783. A. SPONSA (*Pl. Enl.* 980, 981; Wilson's *Am. Orn.* pl. 70, f. 3).
Syn. *Anas sponsa*, L.
Hab. N. America.
A. Male (very fine). B. Female? (or male in non-breeding dress?) Mr. Bartlett (1843-8).

Subfam. FULIGULINÆ.

Ghotye, Kabul.

Genus FULIGULA, Stephens.

Subgenus BRANTA, Boie.

1784. BR. RUFINA (*Pl. Enl* 928).

SYN. *Anas rufina*, Pallas.
A. erythrocephala et *A. cinerea*, Gmelin—young.
Callichen ruficeps, Brehm.
Nul Gulnar, Kabul.

HAB. Europe and Asia; rare in W. Europe. Not rare in L. Bengal, in December and January.

A. B. Males, fully adult. *C.* Younger do. *D.* Do., in dress of female, but with black feathers appearing on breast. *E. F.* Females. Calcutta bazar (1842-4).

Subgenus FULIGULA.

1785. F. FERINA (*Pl. Enl.* 803).

SYN. *Anas ferina*, L.
A. rufa, Gmelin.
A. ruficollis, Scopoli.
Lál Muriya, B.

HAB. N. hemisphere. Moderately commou in L. Bengal.
A. Male. *B. C.* Females. Calcutta bazar (1842-3).

1786. F. MARILOIDES (?), Richardson (Wilson's *Am. Orn.* pl. 69, f. 3)?

SYN. *F. affinis* (?), Eyton.

HAB. S. Africa. N. America?

A. Specimen presented by W. Cracroft, Esq. (1837), and described *J. A. S.* XII, 180.

1787. F. MARILA (*Pl. Enl.* 1002).

SYN. *Anas marila*, L.
A. fœnata, Sparrman.
A. subterranea, Scopoli.

HAB. N. Hemisphere; Nepal.

A. Male. *B.* Female. Mr. Bartlett (1843).

1788. F. CRISTATA, Ray (*Pl. Enl.* 1001, 1007).

SYN. *Anas fuligula*, L.
A. colymbis, Pallas.
A. scandiaca, Gmelin.
A. latirostris, Brunnich.
A. notata, Boddaërt.
Dubaru, B.; *Ablak*, Kabul.

HAB. N. Hemisphere. Moderately common in India.

A. B. Males. *C. D.* Females. Calcutta bazar (1842-4).

1789. F. NYROCA (*Pl. Enl.* 1000).
Syn. *Anas nyroca*, Guldenstadt.
A. peregrina et *A. africana*, Gmelin.
A. Gmelini, Latham.
A. glaucion, Pallas.
Lál Bigri, B.
Hab Europe; Asia; N. Africa. Tolerably common in India: exceedingly so in some seasons.
A. B. Males. *C. D.* Females. Calcutta bazar (1842-3).

Genus SOMATERIA, Leach.

1790. S. SPECTABILIS.
Syn. *Anas spectabilis*, L.
A. Beringii, Latham.
Hab. Arctic regions, chiefly.
A. Male, from Mr. Bartlett (1843).

1791. S. MOLLISSIMA (*Pl. Enl.* 208, 209).
Syn. *Anas mollissima*, L.
A. Cutberti, Pallas.
Anser lanuginosus, Brisson.
Hab. Arctic regions, chiefly.
A. Male. Mr. W. Davison (1844). *B.* Another. *C.* Female. Mr. Bartlett (1843).

Genus OIDEMIA, Fleming.

1792. OID. NIGRA (*Pl. Enl*, 978).
Syn. *Anas nigra*, L.
A. atra, Pallas.
A. cinerascens, Bechstein.
A. cinerea, S. G. Gmelin.
Hab. N. Atlantic, chiefly.
A. Male. Mr. W. Davison (1843). *B.* Female. Mr. Bartlett (1844).

Genus HARELDA, Leach.

1793. H. GLACIALIS (*Pl. Enl.* 999, 1008).
Syn. *Anas glacialis* et *A. hyemalis*, L.
A. miclonia, Boddaërt.
A. leucocephala, Bechstein.
A. brachyrhynchus, Beseke.
Querquerdula ferroënsis, Brisson.
Hab. N. Atlantic and Polar Seas.
A. Male, summer dress. Mr. Bartlett (1843). *B.* Do., winter dress. Christiania University (1846).

Genus CLANGULA, Fleming.

1794. CL. GLAUCION (*Pl. Enl.* 802).
Syn. *Anas clangula* et *A. glaucion*, L.
A. hyemalis, Pallas.

A. peregrina, S. G. Gmelin.
Cl. vulgaris, Fleming.
Cl. chrysopthalma, Stephens.

HAB. N. Hemisphere. Sindh?
A. Male. Christiania University (1846). *B.* Female. Mr. Bartlett (1843).

Genus BIZIURA, Leach.

1795. B. LOBATA (Gould's *B. A.* Vol. VII, pl. 18).
SYN. *Anas lobata*, Shaw.
A. carunculata, Vieillot.
B. novæ hollandiæ, Stephens.
HAB. S. Australia.
A. Male. Sydney Institution (1846).

Genus ERISMATURA, Pr. Bonaparte.

1796. E. LEUCOCEPHALA (*Hist. de l'Egypt*, Ois., pl. 10, f. 2).
SYN. *Anas leucocephala*, Scopoli.
A. mersa, Pallas.
HAB. S. Europe; N. Africa.
A. Female. Algiers. M. Malherbe (1848).

1797. E. RUBIDA (Wilson's *Am. Orn.*, pl. 71, f. 5, 6).
SYN. *Anas rubida*, Wilson.
HAB. N. America.
A. Female. Mr. Bartlett (1843).

Subfam. MERGINÆ.

Genus MERGUS, L.

1798. M. CASTOR, L. (*Pl. Enl.* 951).
SYN. *M. merganser*, L.
M. Raii, Stephens.
M. orientalis, Gould, *P. Z. S.* 1845, p. 2.
Khoruk, Kabul.
HAB. N. Hemisphere. Very rare in India, except towards the Himalaya.
A. Male. *B.* Female. Darjiling. Mr. Webb (1845).
C. Male. Algeria. M. Malherbe (1848). *D.* Female. Chaibasa. Capt. Tickell (1842).

1799. M. SERRATOR, L. (*Pl. Col.* 207).
SYN. *M. cristatus*, Brisson.
M. niger, Gmelin.
Merganser serratus, Stephens.
HAB. Northern regions, chiefly.
A. Male. *B.* Female. Christiania University (1844-9).
C. Female. Algeria. M. Malherbe (1848).

Fam. COLYMBIDÆ.

Genus COLYMBUS, L.

1800. C. GLACIALIS, L. (*Pl. Enl.* 952).
SYN. *C. immer*, Gmelin.
C. torquatus, Brunnich.
HAB. Northern regions.
A. Very fine adult. *B.* Young. Received from Mr. Bartlett (1843-5).

1801. C. ARCTICUS, L. (Edwards, pl 146; *Pl. Enl.* 914).
SYN. *C. ignotus* et *C. leucopus*, Bechstein.
C. balthicus, Hornsch.
HAB. Northern regions.
A. Male. *B.* Female. From the Christiania University (1843). *C.* Young. Mr. Bartlett (1845).

1802. C. SEPTENTRIONALIS, L. (Edwards, pl. 97; *Pl. Enl.* 308, 992).
SYN. *C. lumme*, Brunnich.
C. stellatus, Gmelin.
C. striatus, Gmelin.
C. borealis, Brunnich.
HAB. Northern regions.
A. Specimen in summer dress. From the Christiania University (1843). *B.* Do., winter dress. Mr. Bartlett.

Fam. SPHENISCIDÆ.

Genus APTENODYTES, Forster.

1803. APT. PENNANTH, G. R. Gray (vide *Ann. M. N. H.* 1844, p. 315).
SYN. *Apt. patachonica*, Shaw.
HAB. Antarctic regions.
Skin of the fore-neck and breast; presented by

Genus SPHENISCUS, Brisson.

1804. SPH. MAGELLANICUS.
SYN. *Aptenodytes magellanicus*, Forster.
HAB. Extra-tropical S. America.
A. Specimen purchased (1843).

Fam. ALCADÆ.

Genus TYLORHAMPHUS, Brandt.

1805. T. CRISTATELLUS, (*Pl. Col.* 200).
SYN. *Alca cristatella*, Pallas.
Phaleris superciliosa, Bonap.
HAB. N. Pacific.
A. Specimen received from the Sydney Institution (1845).

Genus ARCTICA, Mœhring.

1806. A. ALLE (*Pl. Enl.* 917 ; Edwards, pl. 80).
SYN. *Alca alle*, L.
Uria minor, Brisson.
HAB. Northern regions.
A. B. Specimens from Mr. Davison and Mr. Bartlett (1843-5).

Genus FRATERCULA, Brisson.

1807. FR. ARCTICA (*Pl. Enl.* 275).
SYN. *Alca arctica*, L.
A. labradoria, Gmelin.
Mormon fratercula, Temminck.
HAB. Northern regions.
A. Specimen from Mr. Bartlett (1849).

Genus UTAMANIA, Ray.

1808. U. TORDA (*Pl. Enl.* 1003, 1004 ; Edwards, pl. 358, f. 2).
SYN. *Alca torda*, et *A. pica*, L.
A. minor, Brisson.
A. unisulcata, Brunnich.
HAB. Europe ; N. America.
A. Specimen in summer dress. *B. C.* Do., in winter dress. *D.* Do., young. From Mr. Bartlett (1843-5).

Genus URIA, Brisson.

1809. U. TROILE (Edwards, pl. 359, f. 1 ; *Pl. Enl.* 903).
SYN. *Colymbus troile*, L.
Cepphus lomvia, Pallas.
U. guarbag et *U. lomvia*, Brunnich.
HAB. Europe ; N. America.
A. Specimen in summer dress. Mr. Bartlett (1845).

1810. U. RINGUIA, Brunnich (Gould's *B. E.* pl.).
SYN. *U. lachrymans*, Lapy.
U. leucopthalmos, Faber.
U. leucopsis, Brehm.
HAB. Northern regions.
A. Specimen in summer dress. *B.* Do., winter dress. From Mr. Bartlett (1843).

Genus GRYLLE, Brandt.

1811. GR. GRŒNLANDICA, Brisson (Vieillot, *Gal. des. Ois.* pl. 294).
SYN. *Colymbus grylle*, L.
Cepphus columba, Pallas.
Columba groenlandica, Brisson.

Uria grylloides et *U. balthica*, Brunnich.
Gr. scapularis, Stephens.
HAB. Northern regions.
A. B. C. Specimens received from Mr. Bartlett (1842)

Fam. PODICIPIDÆ.

Genus PODICEPS, L.

1812. P. CRISTATUS (*Pl. Enl.* 400, 941, 944).
SYN. *Colymbus cristatus*, L.
C. cornutus, Brisson.
C. urinator, Scopoli.
HAB. Old and New continents; Australia?
A. B. Specimens from the Cape. Presented by W. Cracroft, Esq. (1837). *C.* Do., from England. Mr. Bartlett (1845). *D.* Do., from the neighbourhood of Calcutta (1847).

1813. P. RUBRICOLLIS (*Pl. Enl.* 931).
SYN. *Colymbus rubricollis*, Gmlin.
C. subcristatus, Jacq.
C. parotis, Sparrman.
C. cucullatus et *C. nævius*, Pallas.
HAB. Europe; N. America.
A. B. C. Specimens from England. Mr. Bartlett and Mr. Davison (1843-6).

1814. P. CORNUTUS (*Pl. Enl.* 402, f. 2).
SYN. *Colymbus cornutus*, Gm.
C. obscurus, Gmelin.
C. caspicus, S. G. Gmelin.
C. nigricans, Scopoli.
HAB. Europe; N. Asia; N. America.
A. Crestless specimen. Mr. Bartlett (1843).

1815. P. AURITUS (Edwards, pl. 96, f. 2).
SYN. *Colymbus auritus*, L.
HAB. Europe; N. Africa; N. America.
A. Specimen from Algiers. M. Malherbe (1848).

1816. P. PHILIPPENSIS, Gm. (*Pl. Enl.* 905, 945).
SYN. *Colymbus minor*, et *C. hebridicus*, Gmelin.
C. fluviatilis, Brisson.
Dubari, B.; *Pundub*, Bhagulpore.
HAB. Old continent. Very common in India.
A. B. C. D. E. Series from the vicinity of Calcutta (1843-6). *F.* Specimen from England. Mr. Davison (1844).

APPENDIX, No. 1.

Additional species, mostly presented too late for insertion and numbering in their proper place.

Genus CACATUA, p. 1.

1817. C. CRISTATA, No. 3 (A).

B. Another female. Presented by Babu Rajendra Mallicka.

1818. C. CITRINO-CRISTATA.

SYN. *Plyctolophus citrino-cristatus*, Fraser, *P. Z. S.* 1844, p. 39.*

HAB. ?

A. Male. Presented by Babu Rajendra Mallicka.

Genus PSITTACUS, subgenus CHRYSOTIS, p. 2.

1819. CHR. LEUCOCEPHALUS, No. 8 (A).

Genus LORICULUS, p. 9.

1820. L. ASIATICUS, No. 46 (A).

SYN. Erase *Psittacus philippensis* and *Psittacula rubrifrons*, which refer to a nearly allied species.

B. Another. E. L. Layard, Esq.

Genus CORIPHILUS, p. 13.

1821. C. NOTATUS, No. 60 (A).

Genus ARCHIBUTEO, p. 28.

1822. A. LAGOPUS (Lev. *Ois. d'Afr.*, pl. 18).

SYN. *Falco lagopus*, Brunnich.
F. plumipes, Daudin.
F. pennatus apud Cuvier.
F. sclavonicus, Latham.
A. planiceps et *alticeps*, Brehm.
Butaëtes buteo, Lesson
F. sancti Johannis et *F. novæ terræ*, Gmelin.
F. lagopus et *F. niger*, Wilson.
Buteo ater, Vieillot.
} ? American race.

HAB. N. regions, chiefly, in Europe and America; Africa, to C. G. Hope.

A. Specimen presented by the University of Christiania.

* There can be little doubt of the correctness of the identification of this third species of Sulphur-crested Cockatoo, though the description cited is exceedingly defective. The Society's bird is rather larger than *C. sulphurea*, with a smaller and very differently shaped beak, a longer crest, and but a faint tinge of yellow on the cheeks. Wing 10¾ in. Crest 4⅝ in.

Genus HALIAËTUS, p. 30.

1823. H. ALBICILLA (*Pl. Enl.* 112, 415; Gould, *B. E.* pl. 10).
SYN. *Vultur albicilla*, L.
F. ossifraga, et *F. melanaëtos*, L.
F. albicaudus, Gmelin.
F. hinnularius, Latham.
H. orientalis, *H. borealis*, *H. islandicus*, et *H. groenlandicus*, Brehm.
H. nisus, Savigny.
HAB. Europe; N. Asia.
A. Adult. *B.* Young. (Very fine.) Presented by the University of Christiania.

Genus HALCYON, p. 46.

1824. H. AMAUROPTERUS, Pearson, *J. A. S.* X, 635.
HAB. L. Bengal (Sundarbans especially); Arakan; Tenasserim provinces; very abundant along the eastern coast of the Bay of Bengal, not yet observed on the western. Not rare in the vicinity of Calcutta.
A. B. Adults. *C. D.* Young. Neighbourhood of Calcutta (1842-4).—(*N. B.* This species was omitted accidentally from its proper place in the Catalogue).

Genus PICUS, p. 62.

1825. P. ATRATUS, Blyth, *J. A. S.* XVIII, p. .
HAB. Tenasserim provinces.
A. Female (in bad order). Capt. Berdmore.

1826. P. VILLOSUS, L. (Wilson's *Am. Orn.* pl. IX, f. 3).
SYN. *P. canadensis*, Audubon.
HAB. N. America.
A. Female, from Canada. H. E. Strickland, Esq.

LEIOTHRICANÆ? p. 99.

Genus MUSCITREA, Blyth.

1827. M. CINEREA, Blyth, *J. A. S.* XVI, 122.
HAB. Arakan.
A. Specimen (now injured). Presented by Capt. J. R. Abbott (1844).—(*N. B.* Omitted accidentally from its proper place in the Catalogue).

Genus LOXIA, p. 123.

1828. L. PYTIOPSITTACUS, Temminck.
HAB. N. Europe.
A. Young. Presented by the University of Christiania.

Genus ACANTHIS, p. 125.

1829. A. LINARIA (Gould's *B. E.* pl. ; Wilson's *Am. Orn.*, pl. XXX, f. 4).

SYN. *Fringilla linaria*, L.
Fr. borealis, Roux.
Linaria canescens, Gould.
HAB. Northern regions; very irregular in its appearance in S. Britain.
A. Male. *B*. Female. Christiania University. (*N. B.* As this appears to be the true *Fr. linaria* of Linnæus, No. 684 should rank as *A. minor*, Willughby, Brisson).

Genus VIREO, Vieillot.

1830. V. NOVEBORACENSIS (Wilson's *Am. Orn.*, pl. 18, f. 6).
SYN. *Muscicapa noveboracensis*, Gmelin.
HAB. N. America.
A. Specimen presented by H. E. Strickland, Esq.

Genus TANYGNATHUS, p. 3.

1831. *T.* ——— ? HAB. ——— ?
A. Female, presented by Babu Rajendra Mallika.

1832. ——— ? Laniadous bird, with bill injured. HAB. Africa? Society's old collection.

Genus NYMPHICUS, Wagler.

40. N. NOVÆ HOLLANDIÆ (Gould's *B. A.* Vol. V, pl. 45.)
SYN. *Psittacus novæ hollandiæ*, Gmelin.
Leptolophus auricomis, Swainson.
HAB. Australia.
A. Male. Presented by Raja Baddináth Roy (1848).

APPENDIX, No. 2.

Specimens added to the Museum too late for insertion in their proper place in the Catalogue.

3 (A), v. 1837. *Vide.*
8. *C*. Male, purchased (dead).
8 (A), v. 1819. *Vide.*
19. *D*. Young male? Ceylon. E. L. Layard, Esq.
20. "*E*." Specimen replaced by a much finer one, from Masuri, presented by Capt. Thomas Hutton.
27. *E*. Male (cage variety). Babu Rajendra Mallika.
30. *D. E*. Fine specimens from V. D. Land. J. McClelland, Esq.
46 (A), v. 1820. *Vide.*
58. *C. D*. Specimens from V. D. Land. J. McClelland, Esq. *A. B*. These are from Pt. Philip.
60. *C*. Specimen from V. D. Land. J. McClelland, Esq.
60 (A), v. 1821. *Vide.*
64. *B*. Small male from V. D. Land. J. McClelland, Esq. "*A*." From Pt. Philip.

65. *E.* Old male, from Masuri. *F.* Young female, from Kandahar. Capt. T. Hutton.
68. *C.* Young female, from Masuri. Capt. Thos. Hutton.
74. "*A.*" Replaced by a better specimen procured near Calcutta. Mr. Moxon.
86. *I.* Young (remarkably brown-breasted). Darjiling. Presented by the Curator.
96. *G. H.* Young males, from Darjiling. Presented by the Curator.
101. *G.* Adult male, from Norway. Presented by the Royal University of Christiania. *H.* Young female, from Darjiling. Presented by the Curator.
102. *F.* Young female, from Darjiling. Presented by the Curator.
104. *C.* Adult male, from Darjiling. Presented by the Curator.
114. *B.* Female, from Darjiling. Presented by the Curator.
141. *B.* Male. *C.* Female. Presented by the Royal University of Christiania.
147. *J.* Specimen resembling *D.*, from Moulmein. Capt. Berdmore.
163. *D. E. F.* Young, from Darjiling. Presented by the Curator.
195. *C. D.* Specimens from Ceylon. *E. F.* Do., Deyra Doon.
203. *C.* Specimen from Darjiling. Presented by the Curator.
288. *B.* Male. *C.* Female. Presented by the Christiania University.
297. *B.* Another, from Canada. H. E. Strickland, Esq.
298. *C.* Another. From the Christiania University.
344. *D.* Young, from V. D. Land. J. McClelland, Esq.
346. *D.* Specimen from V. D. Land. J. McClelland, Esq.
350. *D.* Specimen from Darjiling. Presented by the Curator.
355. *A.* Specimen replaced by a much finer one, also from Darjiling. Presented by the Curator.
357. *D. E.* Specimens from V. D. Land. J. McClelland, Esq.
361. *C.* Specimen presented by H. E. Strickland, Esq.
410. *D.* Male. From the Christiania University.
428. *H.* Slight variety (one of several similar specimens). From the Navigators' Islands. M. C. Fabre Tonnerre.
518. *C.* Do., from Masuri. Capt. Hutton.
546. *C. D.* Specimens from Norway. Presented by the Royal University of Christiania.
547. *B.* Specimen from Norway. Presented by do.
551. *D.* Northern white-capped variety. Presented by do.
556. *C.* Specimen presented by J. McClelland, Esq.
559. *C. D.* Specimens from V. D. Land. Presented by do.
571. *B. C.* Specimens from Ceylon. E. L. Layard, Esq.
634. *A. B.* Replaced by much finer specimens, from V. D. Land. J. McClelland, Esq.
674. *D.* Another, from Norway. Christiania University.
704. *C.* Do., do., do.
715. *C.* Do., do., do.
728. *D.* Do., do., do.
862. *B.* Replaced by a specimen from Masuri. Capt. Hutton.
870. *B. C. D.* Do., from Masuri. Capt. Hutton.

872. *E.* Young (of this species)? From Darjiling. Presented by the Curator.
946. *D.* Male. *E.* Female. Norway. Christiania University.
984. *E.* Male. *F.* Female. Do., do.
999. *G.* Male. *H.* Female. Do., do.
1070. *B.* Another. H. E. Strickland, Esq.
1141. *D.* Male, from Darjiling. Presented by the Curator.
1214. *C.* Young, do., do.
1220. *F. G.* Young from do., do.
1451. *C.* White chick. Babu Rajendra Mallika.

APPENDIX, No. 3.

Corrections and additions of Synonymes, Habitats, &c.

13. Syn. Add *Ps. lucionensis*, Brisson, *Ps. olivaceus*, Gmelin, et *Ps. phrygius*, Shaw. For "*Kiki*," read *Kéké* (Raffles).
14. Syn. Add *Ps. incertus*, Shaw.
15. Syn. Add *Psittacula madagascariensis*, Brisson, and *Psittacus poliocar*, Forster: *Sádamáta Látkán* (i. e. 'White-headed Loricule), Calcutta.*

Genus Palæornis, p. 4. *Girawa*, or *Rana-girawa*, Cingh.

16. *Chanda-ban-i*, Masuri.
17. Syn. Add *Ps. streptophorus*, Desmarest: *Gallar* of some, H.; *Lybar*, Masuri. Hab. Also Asám, Sylhet.
19. Hab. Also Ceylon.
20. *Gági*, Beng.; *Puhari Tuiya*, Masuri.
21. *Dasi Tuiya*, Masuri.
25. Syn. Add *Ps. mystaceus*, Shaw.
26. Syn. Add *Ps. Swainsonii*, Desmarest, *Dict. Class.*
40. Vide p. 314.
43. Syn. Add *Ps. orientalis*, Latham.
44. Syn. Add *Ps. puniceus*, Gmelin.
45. This should rank as L. galgulus, (Lin., nec Shaw).
46 (A), v. 1820. *Pol-Girawa*, Cingh. Erase the synonymes *philippensis* and *rubrifrons*, which refer to the allied Philippine species.

Fam. FALCONIDÆ, p. 13. *Raja Alia*, Cingh.

61. Syn. Add *F. fuscus*, Brunnich; *F. sacer*, Gmelin; and *Buteo cinereus*, Daudin;—apud G. R. Gray.
62. Young figured in Jerdon's *Ill. Ind. Orn.* pl. 44.

* Numerous exotic *Psittacidæ* bear native names in Calcutta. No. 3, is known as *Golábi Kakatua*. No. 3 (A), v. 1817, as *Kagzi*. No. 4, *Burra Chámpa*. No. 5, *Chota Chámpa*. No. 6, *Lámba Chuneh*. No. 7, *Haki Lor*. No. 11, *Lal Kátar*. No. 12, *Nil Kátar*. No. 13, *Papagai*. No. 22, *Madhan Bhála*. No. 47, *Papua Lori* (or *Luri*). No. 48, *Kálá Sira Lori*. No. 49, *Lál Sira Lori*. No. 50, *Kirkich*. No. 51, *Jata-wala Kirkich*. No. 54, *Uda Bangnu*. No. 55, *Ját Bangnu*.

63. Syn. Also (apud G. R. Gray,) *F. cornicum.* Brehm, and *F. puniceus,* Levaill. (*Expl. Sc. de l'Algerie, Ois.*, t.). *N. B.* Mr. Gould considers the Indian Peregrine to be distinct, and retains for it the name *calidus,* Latham: Mr. G. R. Gray, in the 2nd edition of his Catalogue of the Raptorial birds in the British Museum, (while doubtfully recognising the American 'Duck Hawk' apart by the name *F. anatum,* Bonap.,) admits the Indian 'Bauri' as true *peregrinus.* The Society has no European specimens for comparison.
65. *Jawolan,* Telugu; *Walloor,* Tamul (Jerdon).
66. Syn. Add *F. macrodactylus,* Swainson,—apud G. R. Gray.
68. Syn. Add *F. hirundinum,* Brehm.
69. Syn. Add *F. rufescens,* Swainson, *Cerchneis murum, C. media,* et *C. tinnuncula,* Brehm. Hab. Also N. and C. Africa.
70. Syn. Add *F. capensis,* Shaw.
72. Syn. Add *F. gracilis,* Lesson.
74. Hab. Also N. Africa.
75. Syn. Add *F. sibiricus,* Shaw, and *F. smirillus,* Savigny. Hab. Also N. Africa, and Arctic America (Richardson).
78 and 79. Hab. Also Tenasserim provinces.
80. Hab. Also Ceylon. *Krishna-chura* ('Black-crested'), H.
81. This is *Falco* (*Lophotes*) *Reinwardtii,* Muller (*Aves,* pl. 5), and will therefore stand as Baza Reinwardtii. Hab. also Borneo and Celebes; being apparently very rare in the Malayan peninsula.
82. Hab. Also Malay countries.
83. *A.* Specimen presented by the Christiania University (1847). *B.* Do., H. E. Strickland, Esq. (1848).
83. Syn. Add *P. apium* et *P. vesparum,* Brehm.
85. Syn. Add *Accipiter hypoleucos,* Pallas; *C. leucopsis* et *C. anguium,* Brehm.
87. *A.* Specimen from Malacca. Presented by the Rev. F. W. Lindstedt (1844).
89. Hab. Also N. Africa. For "Kat-eater," read *Rat-eater.*
94. Syn. Add *A. maculatus,* Brisson; *F. lacteus,* Gmelin; *Nisus communis,* Cuvier; *N. elegans, N. fringillarum,* et *N. peregrinus,* Brehm.
95. Cancel the synonymes given, unless the last.
96. *Vaishtapa Dyaga,* Telugu; *Oor Chitli,* Tamul (Halapyk caste, Jerdon).
98. Syn. Add *Nisus manillensis,* Meyer.
100. Syn. Add *Sparvius niveus,* Vieillot.
101. Syn. Add (apud G. R. Gray) *F. regalis,* Tem., *p. c.* 495; *F. atricapillus,* Wilson; *Dædalion pictum,* Lesson; and *Astur gallinarum,* Brehm. *N. B.* The second of these is doubtful. Rare in N. Africa.
102. *Astur barbatus,* Eyton, *Ann. Mag. N. H.* 1845, p. 327, is probably a state of plumage of this species.
105. Syn. Add *Limnaëtus Horsfieldii,* Vigors; and (apud G. R. Gray) *Spizaëtus lanceolatus* et *Sp. orientalis,* Temminck (but Mr. Gray likewise adds Nos. 104 and 106 as synonymes, in which he is decidedly in error).

108. Syn. Add (apud G R. Gray) *Falco ducalis*, Lichtenstein, and *Aq. bifasciata*, Vieillot. *Salwa*, Tel.; *Rajali*, Tam. (Jerdon).

109. Syn. Add (apud G. R. Gray) *F. canadensis*, L.; *F. americanus*, Gmelin; *F. regalis*, Temminck (*Man d'Orn.*, p. 10); *Aq. melanaëtus*, Brehm. Hab. Also N. Africa.

111. Also *Jumbiz*, H.

112. Syn. Add *F. maculatus*, Gmelin; *Aq. pomarina*, Brehm; *Aq. planga*, et *Spizaëtus fuscus*, Vieillot.

118. Syn. Add *B. septentrionalis*, *B. medius*, et *B. murum*, Brehm: *Falco pojana*, Savi.

120. Syn. Add *P. alticeps* et *P. planiceps*, Brehm; *P. americanus*, Vieillot; *P. icthyaëtus*, Kaup; *F. carolinensis*, *F. cayanensis*, et *F. arundinaceus*, Gmelin; *F. piscator*, Brisson; *Aq. piscatrix*, Vieillot; *Aq. balbuzardus*, Dumeril.

122. This is *Falco* (*Pandion*) *humilis*, Muller (*Aves*, t. 6), and will therefore now stand as Pontoaëtus humilis. Hab. Also Sumatra.

125. Syn. Add *Haliaëtus garuda*, Lesson; and *H. girrenara*, Vieillot.

126. Syn. Add (apud G. R. Gray) *F. austriacus*, Gmelin; *Milvus castaneus* and *M. russicus*, Daudin; *M. jaicensis*, Lepech; *M. vulgaris*, Fleming; *M. ruber*, Brehm; *Accipiter korschun*, S. G. Gmelin. Hab. Also N. Africa; W. and N. Asia: common in Asia Minor.

127. Erase the last synonyme, apud G. R. Gray, who adds *M. melanotis*, Tem.; *M. cheele*, (Lath.), apud Jerdon, and (erroneously) *Hal. lineatus*, Gray, which=No. 124, juv.

128. *B. nigricollis* (Lev., *Ois. d'Afr.* pl. 20). Syn. *Falco nigricollis*, Latham; *F. busarellus*, Daudin; *F. melanobronchos*, Shaw; *Circus leucocephalus*, Vieillot; *Aquila milvoides*, Spix. Hab. Brazil.

130. I. americanus. Syn. *Falco americanus*, Boddaërt, &c.

131. Syn. Add *V. cristatus*, Gmelin; *V. niger*, Brehm.

133. Syn. Add *V. vulgaris*, Daudin; *V. persicus*, Pallas; *V. trincalos*, Bechstein. Doubtful as *V. indicus*, Jerdon, *Catal.*, which probably refers to the next species.*

137. *V. ginginianus*, Latham (nec Daudin ?).

137. Syn. *V. leucocephalus*, Brisson; *V. fuscus*, Boddaërt; *V. ginginianus*, Daudin.

138. Syn. Add *G. castaneus* et *G. aureus*, Daudin; *Phene ossifraga*, Savigny.

Fam. STRIGIDÆ, p. 34. *Bassa*, Cingh.; the larger species *Loco Bassa*, smaller *Punchea Bassa*.

141. Hab. Also N. Africa; Asia Minor; China (Gould).

141. Syn. Add *Str. scandiaca*, L.; *B. albus* et *B. nudipes*, Daudin; *B. germanicus* et *B. septentrionalis*, Brehm.

144. This will probably range as B. coromander, (Latham).

145. Syn. Add *Otus sylvestris*, *O. arboreus*, et *O. gracilis*, Brehm; *O. americanus*, Bonap; *O. Wilsonianus*, Lesson. Hab. Also N. Africa; and N. America.

145. Hab. Also N. Africa.

* A specimen forwarded for inspection by Mr. Jerdon, was decidedly No. 134. The synonyme referred to No. 133 was on that gentleman's authority.

146 Syn. Add *Str. caspia*, Shaw; *Otus agrarius*, Brehm.
147. Syn. Add *Str. pulchella*, Pallas; *Sc. ephialtes*, Savigny; *Otus* (*Scops*) *africanus*, Temminck.
152. Syn. *Strix funerea*, L., *Syst. Nat.* I, 133, nec *Faun. Suec.* p. 25, which refers to No. 153 (G. R. Gray).
153. Syn. Add *Strix passerina*, Pallas and Forster; *Nyctale Richardsoni*, Bonap.; *N. pinetorum*, *N. abietum*, et *N. planiceps*, Brehm.
160. Erase *Strix persica* (vide *Rev. Zool.* &c., 1849, p. 18). *Khukusat*, Upper Provinces. Hab. Also Asám and Sylhet.
161. Syn. Add *Noctua glaux*, Savigny; *Ath. psilodactyla*, Brehm.
162. Syn. Add *Str. pusilla*, Daudin.
164. Hab. Also Tenasserim provinces.
167. Syn. Add *Str. soloniensis*, Gmelin; *Str. sylvatica*, Shaw; and substitute Scopoli for "Gmelin" after *rufa*, &c.
167. Hab. Also Asia Minor (Strickland): Japan (Temminck).
171. Syn. Add *Str. guttata*, Brehm.
172. *A.* Specimen noticed *J. A. S.* XVII, 346: it agrees with an Australian example.
174. *Garuda* of natives of forests of S. India: *Malay Moray*, Malyalum (Jerdon). *N. B.* This species is not given as a native of the Philippines by Dr. S. Muller and M. Temminck, who erroneously assign a race of No. 175 to S. India.
177. *Danchuri*, H.; *Ibba Haki*, Can. (Jerdon).
179. Syn. *B. monoceros* apud Drapiez.
180. Probably *B. malabaricus* of Sumatra, Java, and Borneo, auctorum; *B. albirostris* apud Horsfield, which synonyme erase from No. 181. *N. B.* *B. violaceus* of Wagler, from Ceylon, has the *four* medial rectrices black, and is doubtless a peculiar species.
181. *Pl. Col.* 529. Hab. Malayan peninsula, Sumatra, and Borneo.
182. Referred to as a permanent race of No. 181, by M. M. Muller and Temminck.
183. Syn. *B. oxyurus*, Wagler (Jerdon). *Dhánmar*, *Lámdar*, and *Chakotra*, H. Upper Provinces.
184. *B. bengalensis*, Cuvier, nec Gray. Syn. Add *B. pyrrhopygus*, Wagler (Jerdon); *B. bengala*, Vieillot. *Kuldal Haki*, Can. (Jerdon).
187. B. exarhatus, nec *exarrhætus*.
190. This is *B. plicatus*, Lath., apud Temminck, who cites Levaillant, *Ois. d'Afr.* pl. 239, for the adult male, and Lev., *Ois. d'Am. et des Indes*, pl. 20 and 21, for the female, and pl. 22 for the young; but as the descriptions of *B. plicatus* omit all notice of the plaits at the lateral base of both mandibles, they apply better to No. 191, in which these plaits do not occur. Nevertheless, it would not appear that No. 190 has hitherto been observed elsewhere than in the Burmese countries, and therefore it is unlikely to have occurred to the elder ornithologists. Following M. Temminck in assigning No. 190 to B. plicatus, the following synonymes appear referable to this species—*B. obscurus*, Gmelin; *B. javanicus*, Shaw, and of Cuvier; *B. undulatus*, Shaw; *B. niger*, Vieillot, nec Shaw, nec Cuvier; *B. annulatus*, Drapiez; and *B. pusaran*, Raffles.

191. Should accordingly rank as B. SUBRUFICOLLIS, Blyth.
193. Type of PROMEROPS, Brisson, apud G. R. Gray, which generic name must therefore be retained for this bird.
195. *C. D.* Specimens from Ceylon. *E. F.* Do., Deyra Doon. In Sindh this genus is termed *Kat-kuto.*
198. SYN. *D. buccoides,* Temminck (*Pl. Col.* 586). *Kaing-Kaing Kimba,* Malay. HAB. Tenasserim provinces generally.
199. SYN. *Alcedo javanica,* Shaw.
200. SYN, *H. capensis* of India, auctorum.
201. Nec *H. smyrnensis* (*verus*), apud G. R. Gray, who terms the Indian species H. FUSCUS. SYN. *Alcedo fusca,* Boddaërt; *A. smyrnensis,* var γ, Latham; *Pilli hudua,* (*loco,* or large), Cingh.; *See Kaing-Kaing,* Malay. *N. B.* Erase *Ispida bengalensis minor,* which probably refers to No. 214.
202. SYN. Add *Alcedo omnicolor,* Temminck.
203. H. COROMANDELIANUS; *Alcedo coromandeliana,* Scopoli.
203. *C.* Specimen from Darjiling. Presented by the Curator.
204. H. PILEATUS. SYN. *Alcedo pileata,* Boddaërt; *A. brama,* Lesson.
207. *Alcedo sacer,* Gmelin, is applied doubtfully by Mr. G. R. Gray to a Polynesian species; the name SANCTUS being retained for the present one.
208. H. MALIMBICUS. SYN. *Alcedo malimbica,* Shaw; *Halcyon torquatus,* Swainson.
209. *A.* From Butan. Capt. Pemberton (1839).
210. *Kong-paki,* Sindh; *Kareyala kilkila,* H. (Jerdon).
210. SYN. *Ispida bicincta,* Swainson, *Birds W. Africa,* II. 95.
213. SYN. *Gracula atthis,* Gmelin: *Alcedo subispida* et *A. advena,* Brehm. HAB. Also N. Africa to Senegal.
214. SYN. *A. ispidoides,* Lesson.
216. SYN.? *Alcedo cærulea* apud Eyton, *P. Z. S.* 1831, p. 101.
218. SYN. *Alcedo* (nec *Corythornis*) *cæruleocephala,* Latham; *A. cyaneocephala,* Shaw. HAB. Also N. Africa.
220. SYN. *Ceyx luzoniensis,* Scopoli; *Alcedo erythaca,* β, Latham.
221. For pl. 552, read pl. 55, f. 2. Vide *Ann. Mag. N. H.* XIX, 129.
223. SYN. *C. germanicus* et *C. planiceps,* Brehm.
226. For "*fascicollis,*" read *fuscicapillus.*
228 SYN. *Nyctiornis cærulea,* Swainson, *Class. Birds.*
229. *Kay chua,* Malay.
230. SYN. Add *M. hungariæ,* Brehm. HAB. Also Africa, to Cape G. Hope.
231. SYN. *M. ruficollis,* Vieillot; *M. Savignii,* Cuv., nec apud Swainson, *Zool. Ill.* 1st series, pl. 76.
232. SYN. *M. Daudini,* Cuvier. *Biri-biri,* Malay; *Kachgan,* Java.
236. *Certhia lutea,* Scopoli, v. *Merops coromandus,* Latham, appears to be a luteous variety of this species. *Atedan,* Sindh.
238. Erase the synonyme. HAB. Brazil. Described, Swainson's 2¼ *Centen.,* p. 327.
242. SYN. *Dendrocopus sordidus,* Eyton, *Ann. Mag. N. H.* 1845, p. 229.
248. SYN. *Picus guttacristatus,* Tickell, *J. A. S.* II, 578 (the female).

251. Figured in Jerdon's *Ill. Ind. Orn.* pl. 47; but the inner hind-claw should have been represented very minute.

266. G. CHLOROLOPHOS, (Vieillot); though give as *P. chloropus*, V., in the *Dict. Class. d'Hist. Nat.* HAB. Also Tenasserim provinces.

284. HAB. Also Siberia.

285. *A.* Presented by Mr. Lea, of Philadelphia (1839).

287. Erase *P. assimilis*, Natterer, which is a nearly allied species, with white scapularies and otherwise distinguished. HAB. Also Sindh (Khyrpur).

290. HAB. Also W. Asia (Trebizond).

291. SYN. *P. aurocristatus*, Tickell, *J. A. S.* II, 579.

303. SYN. *P. nanus*, Vigors, *P. Z. S.* 1831, p. 172.

324. SYN. *Bucco armillaris*, Temminck.

327. *Lisora*, Upper Provinces.

328. SYN. *Bucco barbiculus*, Cuvier, apud Strickland, founded upon one of Levaillants's plates, and the bird erroneously assigned to the Moluccas.

329. *Tanda*, and *Tanhak*, Malay.

330. SYN. *Bucco Lathami* apud Raffles, nec *B. Lathami*, Gmelin.

340. "My *C. flaviventris*, Scopoli, is quite distinct from *C. striatus*." Strickland.

341. SYN. *C. canoroides*, Muller. "I have ascertained by comparison," writes Mr. Strickland, "that Dr. Horsfield's Javanese Cuckoo is the true *canorus* of Europe. Muller also says that the Malay island one agrees, in every respect, with *canorus*, and yet he gives it a new name! He found it in Sumatra, Borneo, and Timor." Most probably, therefore, Mr. Gould's *C. optatus*, which is confined to the *northern part* of Australia, is also no other; and his figure certainly agrees much better with *C. canorus* than with *C. striatus*.

385. "The oldest name for this species is C. RUFIPENNIS, Illiger (*Berlin Trans.*, 1812)." Strickland.

387. Mr. Strickland writes—"I still think that three species are confounded under this number.

1. C. BENGALENSIS, Gmelin: *C. lepidus*, Horsfield; *C. dimidiatus*, Blyth. HAB. India and Malay countries. Wing 6¼ in.: tail 8 in.
2. C. VIRIDIS, Scopoli: *C. affinis*, Horsfield; and probably *C. pumilus*, Lesson. HAB. Malay countries. Head and body *greenish-black;* wings *palish chesnut*. Length (of a specimen *now before me*) about 11 in. only; beak to gape ⅞ in.; wing 5¼ in.; tail 6 in.; hind-claw 1 in.
3. C. RECTUNGUIS, Strickland. Body intense *blue* or *purple* black; wings *deep rufous*. Beak to gape 1½ in.; hind-claw almost straight, and only ½ in. long. HAB. Malacca (as I judge from the mode of preparation of the specimen)."

393. SYN. *Tr. paradiseus*, Bonap.

394. TR. COLLARIS, Vieillot. SYN. *Tr. rosalba*, Cuvier; *Tr. auratus*, Swainson. HAB. Mexico, Demarara, &c.

395. Tr. viridis, L. Syn. *Tr. violaceus* et *Tr. strigilatus*, Gmelin; *Tr. melanopterus*, Swainson. Hab. Brazil, Demarara, &c.
396. H. erythrocephalus: Syn. *Trogon erythrocephalus*, Gould; *Tr. fasciatus*, var. A, Latham.
397. Syn. *Tr. flagrans*, Kuhl.
401. Syn. *Harpactes Gouldii*, Swainson.
404. *Saiang*, Malay; *Chaba Wonno*, Java.
Genus Caprimulgus, p. 82; *Chipaki*, Sindh; *Bacca meena*, Cingh.; *Sang Sagan*, Sum.; *Chaba*, Java.
409. Syn.? *C. europæus* of Sumatra, Raffles.
410. Syn. *C. maculatus*, Brehm. Hab. Also N. Asia (to Kamtschatka), Pennant.
415. Hab. Also Tenasserim provinces. Erase *C. pectoralis*, Cuv., apud G. R. Gray.
418. Acr. gigantea, (Tem.) The name *caudacuta* must be transferred to No. 419, "being founded on a wretched drawing of an *Australian* specimen." Strickland.
422. Syn. *C. vulgaris*, Stephens; *C. caffer*, Lichtenstein. Hab. Also N. Africa; and C. Asia (Lake Baikal).
428. "It is probably impossible to determine what species it was that Poivre's figure, upon which *Hirundo esculenta* was founded, was taken from. The tail is not only white-tipped, but deeply forked, with at least 14 rectrices; though Brisson only describes it with 12 (knowing no doubt that a greater number was incredible). The wings only reach to the *base* of the tail, which proves it to belong to some other family than the Swifts or Swallows, or to be grossly inaccurate. The specific name *esculenta* must, I think, be dropped altogether, unless it be possible to prove what species Osbeck so denominated, in which case it may claim priority over Linnæus. *Nidifica* is, however, Gray's name, not Latham's, so that *brevirostris* of McClelland will probably stand." Strickland.
431. Syn. *Hirundo longipennis*, Raffinesque (1804), whence now M. longipennis.
447. Syn.? *C. tibetanus*, Hodgson, vide *Ann. Mag. N. H.*, 2nd series, III, 203. Hab. Also N. Africa.
459. Syn.? *P. tibetana*, Hodgson, vide *Ann. Mag. N. H.*, 2nd series, III, 203.
461. *E. Akka*, Kabul.
463. Hab. Also Tippera and Tenasserim provinces.
464. Hab. Also Asám, Sylhet, Tippera.
468. *Sir Ganj*, Bengal, whither often brought in cages.
471. "*Ps. occipitalis* is doubtless identical with true sinensis, based on Brisson and Buffon (*Pl. Enl.* 622). Levaillant was very inaccurate in many of his descriptions and figures, and I have no doubt that his bird is also *sinensis* and *occipitalis*." Strickland.
530. Syn. *Temnoris atrifrons*, Hodgson, *P. Z. S.* 1845, p. 31.
531. Syn. *Temnoris fulvifrons*, Hodgson, *ibid.*
534. Syn. *Crataionyx flava* et *Cr. atra*, Eyton, *P. Z. S.* 1831, p. 104. *Seray Seray*, Malay. Vide *J. A. S.* XI, 792.

535. HAB. Also W. Asia; Japan (Temminck).
537. *Glate Wingko*, Java.
545. HAB. Canaries (Vieillot); Japan (Temminck).
446. HAB. Also Siberia.
547. HAB. Also Siberia (Pennant); Japan (Temminck).
551. HAB. Also W. Asia; Japan (Temminck).
571. *Hallalichia*, Cingh.
574. HAB. India generally; Arakan.
575. *Gilgilia*, Upper Provinces.
576. SYN. Read *Gracula cristatella*, L.
580. HAB. Also Africa, to C. G. Hope; Canaries, and Azores.
588. SYN. *Sylvia nigricollis*, Latham. *Puhaïa*, Upper Provinces; *Popoya Maina*, H. (Jerdon).
590. SYN. *Sturnus dauricus* et *Gracula sturnina*, Pallas; *Turdus leucocephalus*, Gmelin. *Brass Brass*, Malay.
591. C. COLUMBINUS. SYN. *Turdus columbinus*, Gmelin: from the Philippines. Strickland.
592. Also *Terling*, and *Parliong*, Malay.
605. ♂. Specimen presented by R. W. G. Frith, Esq. (1842); vide *J. A. S.* XI, 104.
613. *Manyar Kembang*, Jav.
614. *Pl. bengalensis* apud Sundevall; *Euplectes philippensis* apud Swainson, 2½ *Centen.*, p. 310. *Tsa-bo-toung*, Arakan; *Tampoa*, Malay; *Pintan*, Sum.
615. *Telia Baya*, Beng.; *Manyar*, Jav.
616. *Shor Baya*, and *Kantawala*, B.: vide *J. A. S.* XI, 873; XII, 181 (bis). HAB. Also Tippera.
Genus MUNIA, p. 116. *Wie Currulla* (*i. e.* "Paddy Bird"), Cingh.
620. *Petap Whobun*, Malay; *Pipit Bondol*, Sum.; *Bondol*, Jav.
624. *Shubz Munia*, B. HAB. Also Ceylon; Tippera.
625. *Pekking*, Java.
626. *Petap Penang*, Malay. HAB. Also Tenasserim provinces. *N. B.* "Brisson describes and figures *M. molucca* as distinctly barred, black and whitish, on rump and below, *quâlibet pennâ duabus istis coloribus transversim striatâ*; which seems to prove its distinctness from *M. acuticauda*." Strickland.
628. *Shakari Munia*, B.; *Tau-tsa* (*i. e.* 'Forest Sparrow'), Arakan; *Prit*, Java.
629. Erase *Fringilla melanictera*, which refers to No. 713.
630. Figured by Jardine and Selby, *Orn. Ill.*, n. s., pl. 34.
631. *Rannas*, Malay; *Binglit*, E. Java.
632. *Rám Gira*, B.; *Gelatik*, Malay; *Glato*, Java.
637. *Suruk*, male; *Chitli*, female; Sindh; *Menyiring*, Java.
642. *Ein-tsa* (*i. e.* 'House Sparrow'), Arakan.
644. SYN. *Fringilla salicicola*, Vieillot.
647. HAB. Also N. Africa and Japan.
649. SYN. *Fringilla stulta*, Ind. Var., Latham.
653. HAB. Also Japan.
654. HAB. Also Asia Minor; N. Africa; Azores.

666. Syn. *Pyrrhula europœa*, Vieillot.
670. Syn.? *Crucirostra americana*, Wilson. Hab. Also N. America; though there would seem to be likewise a smaller race on that continent, which should be true *americana*.
672. Hab. Also Japan (Temminck).
674. Syn. *Carduelis europœus*, Swainson. Hab. Also W. Asia.
682, 683, 684, 688. Hab. Also Japan (Temminck); and the first common in Asia Minor.
686. Erase the mark of doubt after *speculigerus*.
689. Figured in Tschudi's *Fauna Peruviana*.
696. Syn. *Azure Tanager* of Griffith's *Transl.* Cuvier's *An. Kingd.*, VII, 490, pl. .
702. Syn. *Tanagra chlorotica*, L.; *T. violacea*, var., Latham; *Emberiza pusilla*, Kuhl (apud Griffith).
703. Hab. Also W. Asia.
706. Hab. Asia Minor (common).
709. Erase *Tanagra rudis*, Sparrman, which is the female of No. 696. Swainson.
710. *Dálchidi*, Sindh.
712. Hab. Also Tenasserim provinces.
717. Vide *J. A. S.* XI, 601-2.
718. "This cannot be *pusilla*, Pallas, which he describes as less than a Siskin" (No. 672), and his description also differs." Strickland.
723. Syn. *Sturnus collaris* et *St. mauritanus*, Gmelin.
728. Hab. Asia Minor (rare).
730. For "*B*," read *A*.
733. For "*dulcivox*," read *leiopus*.
735. Hab. Asia Minor (common).
739, 740. "Possibly your *G. cristata* from Algiers is wrongly named; for I much suspect that Gray is right in uniting Franklin's *chendoola* to *cristata* (*vera*) of Europe, and the more so as I possess *cristata* from N. India." Strickland. In such case, No. 739 would probably require a new name.
746. Hab. Also Tippera.
752. Syn. *Motacilla maculata*, Gmelin. Hab. Madeira; Japan (Temminck).
753. This turns out to be true *Anthus agilis*, Sykes, notwithstanding that author's statement that it is "found on open stony lands." It is perhaps, however, only the winter dress of No. 752. Hab. Also Tippera.
756. Syn. Probably *Agrodoma bistriata* et *Agr. australis*, Swainson, 2¼ *Centen.*, p. 316.
760. Syn. *Motacilla masciliensis*, Gmelin.
761. Syn. *Alauda mosellana*, Gmelin; *A. sepiaria*, Brisson: *A. tristis* (*?*), Baillon. Hab. Japan (Temminck). Tolerably common in W. India (Gould).
764. Anthus Cecili. Syn. "*Alauda Cecili*, Audouin, *Descr. Egypt*, pl. 5, f. 6; this being prior to *cervinus*, Pallas, and *rufogularis*, Brehm." Strickland. Although thus identified, however, by

Mr. G. R. Gray, this Himalayan bird appears to be perfectly identical with No. 763, the specimens of which were labelled by M. Malherbe.*

765. *Rode Rode*, Malay.

770. HAB. Also Arakan.

771. SYN. Probably *M. melanopa*, Pallas; *M. tschutschensis*, Gmelin; *M. javensis* (*?*), Brisson.

772. HAB. N. Africa (rare).

773. HAB. Common in France as well as Britain (Malherbe).

775 and 776. These are identical, the birds acquiring blue-grey feathers on the head at the vernal moult, which change afterwards to black. The name B. VIRIDIS must be retained for the species. No. 775. Cancel the mark of doubt after *flava*.

786. *Hedda*, Sindh.

790. *Ganghai*, Muttra. Ceylon race: *Demalichia*, Cingh.

793. *Kalla Parandal*, Cingh.

796. *Burra P'henga*, B.

797. *Chota P'henga*, B.

Genera DRYMOICA, p. 142; PRINIA, p. 143; ORTHOTOMUS p. 144; PHYLLOPNEUSTE, p. 183. These and similar small birds are termed *Uban-tsoop*, or *Upan-byee-tsoop*, in Arakan.

817. SYN. This seems to be O. LONGIROSTRIS, Swainson, 2¼ *Centen.*, p. 343, erroneously assigned by that author to Australia.

Genus HOREITES (nec *Horietes*), p. 145.

Genus CISTICOLA, Kaup, nec Lesson, p. 145.

821. *Kher ghusa*, Bhagulpur.

Genus PELLORNEUM (nec *Pellornium*), p 145.

824. Should have been placed before *Turdinus*, p. 147.

826. SYN.? *P. nipalensis*, Gray, figured in *Ill. Gen. Birds* (*Fig. non vidimus*). HAB. Also Tippera.

839. For "*Megalopteron*," read *Malacopteron*.

861. HAB. Also Arakan.

862. HAB. Also Masuri.

871. *Lahtora Pila*, Muttra.

874. SYN. *L. ruficeps*, Bechstein; *L. rufescens*, Cuvier; L. *collurioides*, Lesson;—the Malayan variety, or *L. superciliosus*, L. *N. B.* The Bengal variety is found also in Nepal and Arakan. The Philippine variety, *L. lucionensis*, L., is generally less rufous than the Indian (Strickland, *Ann. Mag. N. H.*, XIX, 132).

878. HAB. Also W. Asia (Erzeroum).

880. SYN. Also *L. pomeranus*, Gmelin; *L. ruficollis*, Shaw.

884. HAB. Java, apud Swainson (very doubtful).

Genus PITTA, p. 156. *Murtowa Plandok*, Malay.

907. HAB. Also Sumatra.

* Perhaps, however, M. Malherbe may have wrongly named them, sending *A. Cecili* for *A. aquaticus*; for Mr. Strickland writes—"Your *A. aquaticus?*" (*J. A. S.* XVI, 437), "is certainly not *aquaticus* (*verus*) of Europe, and will probably stand as *A. Cecili*, Audouin."

908. *No-rung* ('nine colours'), H. (Jerdon); *Shum Shah*, B.
910. Is P. VENUSTA, Muller and Temminck: *P. granatina* being peculiar to Borneo.
911. *Myai-ngon*, Arakan.
912. Is P. BOSCHII, Muller and Temminck (*Zool. Ind. Arch.*, *Aves*, pl. 1, 2): *P. cyanura* being peculiar to Java.
913. HAB. Also Siberia.
916. HAB. Also W. Asia.
Genus ENICURUS, p. 159. *Tsam-reng-kya*, Arakan.
921. SYN. *Motacilla* (?) *Leschenaultii*, Vieillot. HAB. Also Arakan.
926. SYN. *Gracula cærulea*, Scopoli, apud Strickland, which specific name should take precedence. *Kuljit*, N. W. Himalaya.
Genus TURDUS, p. 160. *Dáma*, H.
935. HAB. Also W. Asia (Erzeroum).
942. *Myai-loo-nghet*, Arakan; *Kwaran*, Malay.
948, 949. These are considered identical by Mr. Strickland, not by Mr. Jerdon.
960. *Shâma* of S. India; a name always applied in Bengal to No. 968.
968. *Mura Buta*, Malay.
974. Figured in Jardine's *Contrib. Orn.*, pt. 5.
976. S. LEUCOMELA, (Pallas); nec *leucomela* apud Temminck (*Pl. Col.* 275, f. 3), which is *S. lugens*, Lichtenstein, distinguished by its rufous under tail-coverts.
981. HAB. Also Tippera. For "*cæruligula*," read *cærulecula*, Pallas.
990. HAB. Also Asám, Sylhet.
996. HAB. Also Japan (Temminck).
997. Mr. Strickland considers this to be his S. African species, *P. pastor*, *Ann. Mag. N. H.* XIII, 410; but the description of the latter does not accord. HAB. Also Tippera.
999. HAB. Also Asia Minor.
1002. "Pallas describes a variety of his *M. cyanura* as being blue ('*Coraciæ colori*') above. This is doubtless the male of his *M. cyanura*, and seems to prove it a lighter blue species than *rufilatus*." Strickland. We still suspect their identity.
1005. HAB. Also Tippera. SYN. *M. leucura*, Gmelin, and since of Swainson, *Nat. Libr.*, 'Flycatchers.'
1023. HAB. Also Asám, Sylhet.
1025. C. CYANOMELANA (*Pl. Col.* 470). HAB. Japan (nec Java).
1026. HAB. Also Asám, Tippera.
1032, 1033. These are identical, and should rank as H. LATIROSTRIS.
1035. H. FERRUGINOSA, Hodgson.
1040. SYN.? *Turdus prasinus*, Latham.
1052. For "*Brachypterus*," read *Bradypterus*.
1066. For "Shaw," read Swainson.
1079. For *montanus*, read DUMETORUM, Blyth. "*Calamoherpe montana* of India," writes Mr. Strickland, "is not Horsfield's *montana*, in which the wing is 2 in. long, graduated, the 5th quill longest."
1080. SYN. *Calamoherpe alnorum*, Brehm.
1082. HAB. Also Asia Minor; Siberia (Pennant).

1083. Syn. *Sylvia paludicola*, Vieillot.
Genus Pseudoluscinia, p. 182. For "Sasi," read *Savi*.
1085. Syn. *Calamoherpe tenuirostris*, Brehm.
1095. Syn. *Acanthiza arrogans*, Sundevall.
1103. Hab. Also Asia Minor.
1113. Hab. Also Japan (Temminck).
1119. Hab. Also Japan (Temminck, who likewise mentions having received the skin of a female from Java).
1125. *Cheea*, Sindh.
1134. Hab. Also Siberia (rare).
1150. If new, this may be termed C. (?) borbonica. Erase the synonymes, which refer to *Corvinella capensis* (*Bethylus capensis*, Cuvier, v. *Lanius cissoides*, Swainson, and *L. mellivorus*, Lichtenstein).
1151. Hab. Also Asám, Tippera. *N. B.* This species is very doubtful as *Cebl. fimbriatus*, Temminck, which is more probably the *Cebl. culminatus*, A. Hay, *Madr. Journ.* XIII, pt. 2, p. 157, from Malacca.
1152. Alter to C. avensis; the name *melanoptera* having been previously bestowed by Ruppell.
1158. *Sat'h saki kapi* ('the beloved of 7 damsels), H.; from one red male being generally accompanied by several females and young males.
1159. *A.* Male. *B.* Female. S. India. T. C. Jerdon, Esq. (1844).
1178. Syn. *Eu. Rafflesii*, Lesson.
1179. Syn. *Eu. lemniscatus*, Raffles; *Erolla nasica*, Lesson.
1182. Hab. Also E. Archipelago.
Genus Hirundo, p. 197. *Chambo*, Sindh.
1219. *Kunich*, and *Kal kolachi*, Sindh.
Genus Leucocerca, p. 206. *Mucharrea*, H.; *Chok Doyal*, B.
1247. For "No. 1245," read 1246.
1257. Hab. Also Asám, Sylhet, Tippera.
1260. Syn. *Hæmatornis erythrotis*, Swainson.
1262. *Konda Korulla* (*i. e.* 'Top-knot bird'), Cingh.
1266. *Kánra Bulbul*, Muttra (!) *Qu.* No. 1275?
1270. *Kaha Korulla* (*i. e.* 'Saffron-coloured bird'), Cingh.
Genus Oriolus. p. 215. *Pilak*, or *Peeluk* ('Yellow-bird'), H.; *Vanga Pandu* ('Brinjal fruit'), Tel.; *Megnaki*, Malyalum.
1288. *Pl. Col.* 512 (nec 414), f. 2, apud Strickland, *Ann. Mag. N. H.* XIX, 130.
1297. *Konda* (or 'hill') *Vanga Pandu*, Telugu.
1302. "*O. indicus*, *coronatus*, and hippocrepis, are doubtless one species." Strickland. In this case, the last name will stand.
1304. Syn. *O. galbula*, var. A, Latham.
1309. *A. B.* Specimens presented by the Sydney Institution (1845), *C.* Another. Mr. Benson (1846).
1331. Z. borbonicus (*verus*), apud Strickland.
1334. Z. cinereus, Swainson. Cancel *borbonicus*.
1343. Hab. Also Borneo.
1344. The name affinis, Horsfield, holds precedence.
1347. Hab. Also Borneo, Celebes.

1348. The name *affinis* must be changed, and PUSILLA, Blyth, may be substituted. HAB. Also Tippera.

1620. The Glossy Ibis of N. and S. America, *F. mexicanus*, (Ord), v. *Ordi*, (Bonap.), does not appear to be satisfactorily distinguished.

1360. *Jugi Jugi*, Bhagulpur; *Dunbarg*, Sindh.

1365. HAB. Timor; Pulo Saman.

1378. HAB. Also Borneo. Cancel specimen *A*, inserted by mistake.

1384. HAB. Also Tippera.

1391. HAB. Also Asám, Sylhet.

1413. HAB. Also N. Africa; Madeira: and (Himalayan variety?), Middle Asia.

1416. HAB. Also N. Africa; W. Asia.

1417. HAB. Also N. Africa; Teneriffe; Madeira: Japan (Temminck).

1437. T. AURITUS. HAB. Also W. Asia; N. Africa.

1440. For Bralu, read *Barbe*.

1445. For "Benson," read *Bennet*.

1452. *Jahji*, Simla; *Jwire*, Masuri.

1468. HAB. Also Tippera.

1487, and note. "*Tetraogallus Nigelli*," writes Mr. Strickland, "is evidently very near *T. caucasicus*, but Brandt points out certain distinctions in the 'Petersburgh Bulletin.' The *caucasicus* is certainly *Tetrao caspius* of Gmelin, which last name is long prior to *caucasicus*. *T. altaicus* is quite distinct, but Gray has figured it under the name *caucasicus* in his genera from an Altai specimen, which I lent him. *T. altaicus* has 22-24 rectrices (vide Brandt), *Nigelli* 22 (in my own specimen at least), and *caucasicus* only 18 (according to Brandt)." *N. B.* Mr. Strickland's *Nigelli* here referred to would seem to be *T. himalayensis*.

Genus CACCABIS, Kaup, nec Boie, p. 251.

1502. HAB. Also Japan! (apud Temminck).

1508. HAB. Also N. Africa; W. Asia.

Genus TURNIX, p. 255. *Ngon*, Arakan.

1583. HAB Also Africa to C. G. Hope; Chili, and Pacific Islands; (Gould). *N. B.* The whole series of European wading birds may, we believe, be safely regarded as visiting N. Africa in the winter months; the *Lobipes* perhaps alone excepted.

1588. HAB. Also Eastern archipelago (Java, Timor). Temminck.

1597. SYN. *Totanus* (nec *Tringa*) *damacensis*, Horsfield. *Kadidi*, Malay.

1600. HAB. Also S. Africa: Sunda, and N. Guinea (Temminck).

1614. Also *Sardal*, or *Sukdal*, H.

1625. HAB. Also Africa, to C. G. Hope.

1645. SYN. *Ardea speciosa* apud Sundevall and G. R. Gray; but very differently coloured from *A. speciosa* of Java, as figured and described by Dr. Horsfield.

P. 302. Last line. For 1782, read 1766.

APPENDIX, No. 4.

Nests and Eggs.

44. Egg (broken). Babu Rajendra Mallika (1848).
86. Ditto. Procured near Calcutta (1846).
121. Ditto 2 ditto (1845).
125. Ditto 2. Society's old collection.
127. Ditto 3. Ditto.
132. Ditto 1. Ditto.
134? 135? Ditto 4. Ditto.
150? Ditto. Society's old collection.
171. Ditto 2. Procured near Calcutta (1844).
236. Ditto (broken). Ditto (1843).
252. Ditto 2. Ditto (1843).
358. Ditto 6. Vicinity of Calcutta (1843-7).
362. Ditto 2, taken from the oviducts (1843-6). Another, Society's old collection. (Also a white Cuculine? egg, taken from the nest of No. 1219).
425. Nest, from Penang. Presented by Col. Low (1848).
426. Nests 3 (two united). Presented by W. Masters, Esq. (1848).
427. Ditto. Vicinity of Calcutta (1846-9).
429. Ditto 2 (discoloured), from Coast of Arakan. Presented by Capt. Phayre (1836). 3, from Nicobars. M. Busch (1846).
448. Eggs 6. Procured near Calcutta (1843).
451. Ditto 24. Ditto (1843-5).
446. Ditto 1. Ditto (1847).
551. Ditto 1. England W. Theobold junior, Esq. (1849).
574. Ditto 5. R. W. G. Frith, Esq. (1843).
577. Ditto 3. Ditto (1843).
587? Ditto 1. Vicinity of Calcutta (1845).
614. Ditto 12, and 3 nests, one of them double. Vicinity of Calcutta.
615. 2 nests. Ditto.
616. 3 ditto, and 1 egg. Ditto.
641. Egg 1. England. W. Theobald junior, Esq. (1849).
642. Ditto 12. Calcutta (1842-6).
654. Ditto 1. England. W. Theobald junior, Esq. (1849).
688. Ditto 1. Ditto ditto.
728. Ditto 1. Ditto ditto.
746. Ditto 2. Mymenseng. R. W. G. Frith, Esq. (1843). Also 2 others, doubtful.
757. Ditto 2. Ditto ditto.
782. Ditto 1, and nest. Vicinity of Calcutta (1844).
790. Ditto 2. Vicinity of Calcutta (1843).
792. Ditto 3. S. India. T. C. Jerdon, Esq. (1844).
797. Ditto 2. Ditto ditto (1844).
815. Ditto 8, and series of 10 nests. Chiefly vicinity of Calcutta.
821. Ditto 10, and nest. Vicinity of Calcutta (1847), and Mymenseng R. W. G. Frith, Esq. (1843).
967. Ditto 1. S. India. T. C. Jerdon, Esq. (1844).
970. Ditto 1. Vicinity of Calcutta (1843).

1119. Ditto 1. England. W. Theobald junior, Esq. (1849).
1125. Eggs 1. England. W. Theobald junior, Esq.
1126. Ditto 1. Ditto ditto.
1206. Ditto 2, and nest. From banks of Hughly (1846).
1212. Ditto 1, and 2 nests. Vicinity of Calcutta (1844-6).
1219. Ditto 3, Mymenseng. R. W. G. Frith, Esq. (1843).
1261. Ditto 5, and nest. Vicinity of Calcutta (1843).
1262. Ditto 1, S. India. T. C. Jerdon, Esq. (1844).
1293. Nest. Vicinity of Calcutta (1843).
1368. Ditto 3. Ditto (1843-6).
1375? Ditto 1. Ditto (1843).
1386. Ditto 1. Calcutta Botanic Garden (1843).
1417. Ditto 1. Semi-wild race, Bengal (1844).
1430. Ditto 2. Vicinity of Calcutta (1843). White domestic variety,
1435. Ditto 1. Ditto (1843).
1440. Ditto 1, (taken from oviduct). Calcutta (1845).
1448. Ditto 3. Nicobars. Capt. Lewis, and the Rev. J. Barbe (1846).
1449. Ditto 1 (European white variety, broken, 1848).
1451. Ditto 1 (small Indian race). 1 (European white variety).
1458. Ditto 1. T. C. Jerdon, Esq. (1844).
1462. Domestic races. Various abnormal eggs. *A.* Small (yolkless), spherical. *B.* Do., oval. *C.* Do., do, double-shelled. *D.* Do. Bantam. *E.* Ordinary size of single egg, but kidney-shaped, and probably having had a double yolk. Mr. J. G. Davidson (1847). *F.* Two small (yolkless?) eggs, connected by a constricted neck. *G.* Small yolkless egg, contained within a large egg. Mrs. Ballin (1849).
1462 and 1464. Egg of hybrid with hybrid.
1506. Ditto 2. S. India. T. C. Jerdon, Esq. (1844).
1521. Ditto 2. Ditto ditto (1844).
1523. Ditto 2. Ditto ditto (1844).
1524. Ditto 3. R. W. G. Frith, Esq. (1843).
1526. Ditto, S. Indian variety, 6. T. C. Jerdon, Esq. (1844). Ditto Bengal variety, 2. R. W. G. Frith, Esq. (1843).
1532. Ditto 1, procured in Calcutta. Raja Baddyanath Raya (1845). Another (faded). D. Ross, Esq. (1841). Another (faded). Society's old collection.
1533. Ditto 2. Society's old collection.
1534. Ditto 3. Ditto.
1540. Ditto (taken from the oviduct (1845).
1547? Ditto 1. Society's old collection.
1548? Ditto 3. Ditto.
1549? 1552? Ditto 3. Ditto.
1554? Ditto 1. Ditto.
1586? Ditto 1. Ditto.
1612. Ditto (taken from the oviduct, 1844).
1613. Ditto 1. R. W. G. Frith, Esq. (1843).
1626. Ditto 2. Ditto (1843).
1628? Ditto 1. Society's old collection. (*N. B.* So named, but very doubtful).
1638. Ditto 3. Vicinity of Calcutta (1849).

1646. Ditto 2. Vicinity of Calcutta (1849).
1657. Ditto 11. R. W. G. Frith, Esq. (1843).
1660? Ditto 1. Society's old collection.
1748. Ditto 6 (1849).
1816. Ditto 2. Europe. W. Theobald junior, Esq. 1, Mymenseng. R. W. G. Frith, Esq. (1843).
Ancient egg of Ibis (?), from Egyptian catacombs. Mrs. Hume (1845).

APPENDIX, No. 5.

Skeletons and Preparations.

1. Skull, taken from a skin.
4. Mounted skeleton, old collection.
3 (A), v. 1817. Skeleton, head and wings in stuffed specimen, No. 1817, a.
7. Skull.
8. Ditto ditto (from No. 8, *C.*, p. 314).
16. Sternal apparatus.
17. Mounted skeleton.
21. Sternal apparatus.
29. Skeleton.
30. Sternal apparatus.
35. Skull.
43. Mounted skeleton. Old collection. Tongue in spirit.
44. Skeleton.
46. Skeleton, and specimen in spirit. Preparation of tongue.
47. Body in spirit.
49. Ditto ditto.
54. Head in spirit. Sternal apparatus.
62. Skeleton.
67. Sternum.
79. Skull.
80. Skeleton.
82. Sternal apparatus.
84. Skeleton.
90. Sternal apparatus.
92. Mounted skeleton.
93. Ditto ditto.
94. Sternal apparatus.
98. Skeleton.
101. Skull and leg, Sir A. Burnes.
105. Skull, and sternal apparatus of 3 individuals.
112. Sternal apparatus.
117. Skeleton, minus head and limbs in stuffed specimen.
123. Skeleton.
124. Mounted ditto, and ring of schlerotic bones (old collection); and sternal apparatus of another individual.
131. Skull. Sir A. Burnes.
134? Mounted skeleton. Old collection.

138. Skull and legs. Sir A. Burnes.
143. Skeleton.
144. Ditto.
148, var. B. ditto.
150. Ring of plates surrounding the eye. Old collection.
160. Ditto.
167. Mounted ditto. From the Royal University of Christiania.
171. Ditto ditto.
174. Ditto of female. Presented by Capt. Phayre, and set up by E. Lindstedt, Esq.
179. Ditto.
190. Body in spirit, minus head and limbs.
194. Skeleton, and specimen in spirit.
199. Mounted skeleton, and specimen in spirit?
201. Skeleton and specimen in spirit.
210. Ditto.
214. Ditto, and specimen in spirit.
224. Mounted skeleton, and specimen in spirit.
226. Skeleton.
232. Ditto, and specimen in spirit.
236. Ditto ditto.
252. Ditto.
293. Ditto ditto.
311. Ditto.
325. Ditto ditto.
327. Ditto.
339. Ditto.
342. Ditto.
358. Ditto ditto.
362. Ditto ditto.
363. Ditto (minus head and limbs).
371. Skull.
374. Skeleton.
385. Ditto and specimen in spirit.
401. Skull (imperfect).
411. Ditto and body in spirit.
418. Ditto. Ceylon. E. L. Layard, Esq.
424. Mounted ditto.
427. Mounted ditto.
428. Ditto and specimens in spirit. From Ceylon. E. L. Layard, Esq.
429. Ditto. Nicobars. Capt. Lewis.
430. Specimen in spirit, from Ceylon. E. L. Layard, Esq.
431. Skeleton, from Penang. Mr. J. Prosser.
447. Mounted skeleton. Presented by the Christiania University.
451. Skeleton.
463. Ditto.
466. Skull (imperfect).
468. Skeleton.
570. Ditto.

574. Skeleton.
579. Ditto.
587. Ditto.
614. Ditto.
624. Ditto and specimen in spirit.
642. Ditto.
667. Skull (imperfect).
685. Ditto (ditto).
712. Ditto (ditto).
781. Sternum.
790. Skeleton.
815. Ditto.
874. Ditto.
932. Ditto.
956. Specimen in spirit.
968. Skeleton.
970. Ditto.
1106. Ditto.
1153. Ditto.
1176. Skull (imperfect).
1177. Ditto (ditto).
1181. Ditto (ditto).
1207. Skeleton.
1211. Ditto.
1215, B. Skull (imperfect).
1219. Skeleton.
1225. Ditto.
1241. Ditto.
1261. Ditto and in spirit.
1293. Ditto.
1297. Ditto.
1368. Ditto and in spirit.
1375. Ditto.
1384. Ditto and in spirit.
1417. Ditto mounted. Society's old collection.
1423. Ditto skull, Tenasserim.
1436. Skeleton.
1440. Ditto.
1444. Sternal apparatus.
1444½. Skeleton, minus head and limbs, of GOURA CORONATA.
1445. Ditto ditto, with trachea shewing a duplicature within the furcula, and the sterno-tracheal muscles attached to the second pair of ribs.
1449. Sternal apparatus of chick, shewing the five bones of which the adult sternum is composed.
1451. *A.* Skeleton of tame English male Turkey. *B.* Do., Chittagong breed.
1453. Sternum.
1457. Ditto.
1458. Ditto.

1459. Skeleton.
1461. Sternum.
1462. Skeleton of wild cock, and preparation of a domestic cock with no trace of the hind-limb.
1466. Sternum.
1477. Skeleton.
1480. Skull, presented by the Royal University of Christiania.
1489. Sternum.
1498. Mounted skeleton. Society's old collection.
1500. Skeleton.
1510. Ditto.
1515. Sternum.
1517. Skeleton.
1521. Ditto.
1526. Bengal variety. Ditto and specimen in spirit.
1532. Skeleton of female, minus head and limbs.
1533. Mounted skeleton of male. Pelvis of female, and of young male.
1534. Mounted skeleton of male. Society's old collection. Pelvis of female.
1540. Mounted skeleton. Society's old collection.
1543. Skeleton.
1544. Ditto.
1547. Skeleton.
1548. Ditto.
1558. Ditto minus head and limbs.
1572. Skeleton.
1586. Sternum.
1587. Skeleton.
1590. Ditto.
1602. Sternum.
1603. Ditto.
1613. Ditto.
1614. Ditto.
1615. Ditto.
1616. Ditto with trachea entering a cavity in the sternal ridge.
1617. Ditto ditto.
1618. Ditto shewing sterna-tracheal muscles attached to the second pair of ribs.
1623. Skeleton.
1625. Ditto.
1628. Ditto and skull of a larger example.
1629. Ditto mounted.
1631. Ditto.
1638. Ditto.
1632. Ditto mounted.
1635. Skull.
1636. Skeleton.
1645. Ditto.
1646. Ditto.

1660. Skeleton.
1661. Ditto.
1666. Ditto.
1671. Ditto.
1673. Ditto.
1675. Ditto.
1677. Ditto.
1691. Skull, from the Christiania University.
1697. Skeleton.
1698. Two ditto.
1708. Skeleton, from the Christiania University.
1715. Body in spirit.
1718. Three skulls.
1727. Two sterna.
1735. Skeleton.
1742. Mounted skeleton, Society's old collection; and sternum of larger individual.
1748. Skeleton.
1749. Mounted ditto.
1750. Smaller variety? Mounted skeleton. Society's old collection, and sterna of two other individuals.
1752. Skeleton.
1753. Ditto minus head and limbs.
1754. Ditto.
1757. Mounted ditto.
1762. Trachea of male.
1763. Tracheæ of three males and a female.
1766. Skeleton.
1768. Trachea of female.
1769. Ditto of two males and of female.
1773. Ditto of three males.
1774. Ditto of male.
1777. Ditto ditto.
1779. Ditto ditto.
1780. Ditto ditto.
1792½. Skull of OIDEMIA FUSCA, from the Christiania University.
1784. Tracheæ of four males.
1785. Ditto of one ditto.
1788. Ditto ditto.
1794. Cartilaginous rings of tumid part of trachea.

APPENDIX, No. 6.

List of authentic species of Birds inhabiting India, Burma, and the Malayan peninsula, of which no specimen exists in the Museum of the Society.*

* The species not seen by the Curator have an asterisk prefixed.

* FALCO LANARIUS, L.: *F. cherrug*, Gray (Hardw. *Ill. Ind. Zool*). Himalaya. Very rare.†

BUTEO AQUILINUS, Hodgson, *J. A. S.* XIV, 176: *B. leucocephala*, H., *P. Z. S.* 1845, p. 37. Tibet only?

* B. PLUMIPES, Hodgson: *Circus plumipes*, H., *Beng. Sp. Mag.*, 1836, p. 182; *P. Z. S.* 1845, p. 37;—*J. A. S.* XV, 2. Nepal.

SCOPS SUPERCILIARIS; *Strix superciliaris*, Vieillot (vide *Rev.-Zool.* &c. 1849, p. 19): *Str. rufescens*, Horsfield, *Lin. Tr.* XIII, 140; *J. A. S.* XIV, 181; *Str. Sonneratii*, Temminck. Malacca; Java.

SYRNIUM SELOPUTO; *Strix seloputo*, Horsfield: *Str. pagodarum*, Temminck. Malayan peninsula and Archipelago. Nicobar Islands? (vide *J. A. S.* XV, 369).

* BUCEROS CORRUGATUS, Temminck (*Pl. Col.* 531—mas, 535 fœm.): *B. gracilis*, Tem.,—fœm.: *B. rugosus*, Begbie. Malayan peninsula, &c.

* DACELO CONCRETA, Tem. (*Pl. Col.* 346). Malayan peninsula and archipelago.

* ALCEDO CÆRULEA, L., apud Eyton (vide *P. Z. S.* 1839, p. 101; *Qu.* No. 216). Malayan peninsula. (*Qu.* No. 216?)

* GECINUS MINIATUS; *Picus* (*Chrysonotus*) *miniatus*, Forster, Pennent, apud Eyton (*P. Z. S.* 1839, p. 106). Malayan peninsula. (*Qu.* No. 270? No. 272?).

* PICUS ASSIMILIS, Natterer. "Himalaya."

* P. TRISULENSIS, Lichtenstein. "Himalaya."

* MEGALAIMA MALACCENSIS; *Bucco malaccensis*, Hartlaub, *Rev. Zool*, &c., 1842, p. 337 (*Qu.* No. 323?).

M. MALABARICA; *Bucco malabaricus*, Blyth, *J. A. S.* XVI, 465. Malabar coast.

* CUCULUS FLAVIVENTRIS, Scopoli: *C. intermedius*, Vahl.; *C. tenuirostris*, Muller. Malayan peninsula and archipelago.

PODARGUS—? Species from S. E. Himalaya; from C. India; and from Ceylon.

* ACANTHYLIS SYLVATICA, Tickell, *J. A. S.* XV, 284. Central India; Sikim.

* COLLOCALIA TROGLODYTES, G. R. Gray (*Ill. Gen. Birds*). Malacca.

DENDROCITTA PALLIDA, Blyth, *J. A. S.* XV, 30. N. W. Himalaya.

* D. RUFIGASTRA, Gould, *P. Z. S.* 1839, p. 80. S. India?

† *F. peregrinoides*, Temminck, from Nepal, is included in Mr. G. R. Gray's Catalogue of Mr. Hodgson's specimens presented to the British Museum; but not in his subsequently prepared second edition of the Catalogue of Raptorial birds in the Brit. Mus. general collection. HAB. S. Africa.

*Garrulax gularis; *Ianthocincla gularis*, McClelland, *P. Z. S.* 1839, p. 159. Asám.

G. Delesserti; *Crateropus Delesserti*, Jerdon, *Madr. Journ.* X, 256 (*Ill. Ind. Orn.* pl. 13): *Cr. griseiceps*, Delessert. Nilgiris.

*Sibia gracilis; *Hypsipetes gracilis*, McClelland, *P. Z. S.* 1839, p. 159; *J. A. S.* XVI, 449. Asám.

Leioptila annectans, Blyth, *J. A. S.* XVI, 450. Darjiling.

**Pteruthius xanthochloris et Pt. melanotis, Hodgson, *J. A. S.* XVI, 448. Nepal; Sikim. (*Qu.* Sexes of the same species?)

*Yuhina nigrimenta, Hodgson, *J. A. S.* XIV, 562. Nepal.

Paradoxornis flavirostris, Gould, *P. Z. S.* 1836, p. 17 (*Icones Avium*). Sikim Tarai; Asám.

Heteromorpha unicolor, Hodgson, *J. A. S.* XII, 448. Nepal.

Parus nuchalis, Jerdon, *J. A. S.* XIV, 553; *Madr. Journ.* XIII, pt. 2, 131 (*Ill. Ind. Orn.* pl. 46). Eastern ghâts of Indian peninsula.

*P. Griffithii, Blyth, *J. A. S.* XVI, 445: Asám? Munipur?

P. æmodius, Hodgson, *J. A. S.* XIII, 343. Nepal.

P. (a large crested species, undescribed). N. W. Himalaya.

*P. (Sylviparus?) minimus, Jerdon, *Madr. Journ.* XI, 8. S. India.

*Sturnia sinensis; *Oriolus sinensis*, Gmelin (*Pl. Enl.* 617): *Pastor elegans*, Lesson (figured in Zoology of Belanger's Voyage). Pegu.

Munia sinensis (Edwards, pl. 43). *Vide* note to p. 116, *ante*. *N. B.* No black patch on abdomen. Malayan peninsula. (Penang).

*Passer pyrrhopterus; *Fringilla pyrrhoptera*, Lesson, in Belanger's Voyage. Pondicherry. (*Qu. Fringilla cisalpina?*, Temminck).

*P. (?) concolor, Jerdon, *Madr. Journ.* XI, 28. S. India.

Fringilla Burtoni; *Carduelis Burtoni*, Gould, *P. Z. S.* 1837, p. 90: *Fr. erythrophrys*, Blyth, *J. A. S.* XV, 38. N. W. Himalaya.

Pyrrhuloides epauletta, Hodgson, *J. A. S.* XIII, 951: *Pyrrhoplectes epauletta*, H., *P. Z. S.* 1845, p. 36. Nepal. Rare.

Coccothraustes (species nearly resembling No. 687, undescribed). N. W. Himalaya. Rare.

Euspiza (species affined to No. 719, undescribed). N. W. Himalaya.

Accentor (small black-headed species, undescribed). N. W. Himalaya. (*Qu.* No. 727, var?).

Otocoris penicillata (Gray's *Ill. Gen. Birds*, pl.); *Alauda penicillata*, Gould, *P. Z. S.* 1837, p. 126. Common in Kashmir.

SCHŒNICOLA PLATYURA; *Timalia platyura*, Jerdon, *Madr. Journ.* XIII, pt. 1, 170; *J. A. S.* XI, 796, XIII, 374. S. India.

NEORNIS CACHARENSIS, Hodgson, *J. A. S.* XIV, 590. Nepal.

*TIMALIA LEUCOTIS, Strickland (Jardine's *Contrib. Orn.*, 1848, pl.). Malacca.

*THAMNOCATAPHUS SENILIS, Tickell, *J. A. S.* XVIII, p.

RIMATOR MALACOPTILUS, Blyth, *J. A. S.* XVI, 154: *Caulodromus Gracei*, G. R. Gray (*Ill. Gen. Birds*, pl.), *Ann. Mag. N. H.* 1847, p. 352; *Merva Jerdonii*, Hodgson, *Cal. Journ. N. H.* 1847, p. 96. *Vide J. A. S.* XVI, 878. Sikim.

SITTA (black-capped, affined to *S. carolinensis*). N. W. Himalaya, (Saharunpur).

*DENDROPHILA FLAVIPES, Swainson, 2¼ *Centen.*, p. 323. Referred to "India," but probably Malayan.

*MERULA LEUCOGASTER, Blyth, *J. A. S.* XVI, 153. Munipur?

M. BRACHYPUS, Blyth, *J. A. S.* XVI, 148. S. India; Ceylon.

*NOTODELA DIANA, Lesson, in Belanger's *Voyage*, pl.—; *J. A. S.* XVI, 138. Pegu.

RUTICILLA (typically coloured species, larger than No. 990), from N. W. Himalaya.

*R. SCHISTICEPS, Hodgson, G. R. Gray, Appendix to Catalogue of Nepal specimens presented by Mr. H. to Brit. Museum. Nepal.

PRATINCOLA INSIGNIS, Hodgson, *J. A. S.* XVI, 129. Nepal; Tibet?

*SAXICOLA (?) MELANURA, Gmelin (?), *J. A. S.* XVI, 131. Sindh.

ERYTHROSTERNA ERYTHACA, Blyth, *J. A. S.* XVI, 126. Penang.

*MUSCICAPULA (?) ÆSTIGMA, Hodgson, Appendix to Catalogue of Nepal specimens presented by Mr. H. to Brit. Museum. Nepal.

CYORNIS PALLIPES; *Muscicapa pallipes*, Jerdon, *Madr. Journ.* XI, 15. S. India.

BUTALIS RUFESCENS, Jerdon, *J. A. S.* XVI, 120. S. India.

B. RUFICAUDA; *Muscicapa ruficauda*, Swainson: *J. A. S.* XVI, 120. S. India.

LOCUSTELLA (affined to No. 1085, but smaller; undescribed). N. W. Himalaya.

*ABRORNIS CASTANICEPS, Hodgson, *J. A. S.* XIV, 593. Nepal.

*ABR. EROCHROA, Hodgson, Appendix to Catal. of Nepal specimens presented by Mr. H. to Brit. Museum.

PHYLLOSCOPUS INDICUS; *Sylvia indica*, Jerdon, *Madr. Journ.* XI, 6; *Ph. griseolus*, Blyth, *J. A. S.* XVI, 443. Peninsula of India, chiefly. Rare in L. Bengal.

*SALPORNIS SPILONOTUS; *Certhia spilonotus*, Franklin, *P. Z. S.* 1831, p. 121. Bahar.

CAMPEPHAGA CULMINATA; *Ceblepyris culminatus*, A. Hay, *Madr. Journ.* XIII, pt. 2, p. 157: probably *C. fimbriata*, (Tem.), vera. Malacca.

*PERICROCOTUS MODESTUS, Strickland, *Ann. Mag. N. H.* XIX (1847), p. 131. Malacca.

*HYPSIPETES GANEESA, Sykes, *P. Z. S.* 1832, p. 86 (Jardine and Selby, *Ill. Ind. Orn., n. s.*, pl. 2). Dukhun.

IOLE CINEREA, A. Hay, *J. A. S.* XIV, 573. Malacca.

SPIZIXOS CANIFRONS, Blyth, *J. A. S.* XIV, 571. Chirra Punji.*

*PYCNONOTUS MONTICOLUS; *Ixos monticolus*, McClelland, *P. Z. S.* 1839, p. 160. Asám.

*P. CROCORRHOUS, Strickland, *Ann. Mag. N. H.* XIII, 412. Malacca; Java.

*P. (? "Yellow-eared Bulbul"), Jerdon, *Madr. Journ.* XIII, pt. 1, 168; *J. A. S.* XIV, 570. S. India.

*P. (? "White-eared Bulbul"), Jerdon, *ibid.* S. India.

*BRACHYPUS ENTILOTUS, Jardine and Selby, *Orn. Ill., n. s.*, pl. 3. Malacca.

*DICÆUM SACCHARINUM, (Lath.), mentioned by Mr. Eyton from Malacca, *P. Z. S.* 1839, p. 105. (*Qu.* No. 1373?) *N. B. Certhia saccharina* is not Latham's species, but Shaw's, and refers to No. 1360, a species which does not inhabit the Malayan peninsula.

PACHYGLOSSA MELANOXANTHA, Hodgson, *J. A. S.* XII, 1010, XIV, 560. Nepal.

*TRERON FULVICOLLIS, (Wagler): *Tr. tenuirostre*, Eyton, *Ann. Mag. N. H.* XVI, 230. Malacca.

*PSAMMŒNAS BURNESII, *J. A. S.* XIV, note to p. 860. Sindh. (*N. B.* Needs verification).

GALLUS VARIUS; *Phasianus varius*, Shaw: *G. javanicus*, Horsfield; *G. furcatus*, Temminck. Malayan peninsula.

*VANELLUS GREGARIUS, Pallas: *Tringa keptuschka*, Lepech; *Cawnpore Sandpiper*, Hardwicke. N. Asia; very rare in India.

*GLOTTIS NIVIGULA, Hodgson, Appendix to Catalogue of specimens presented by Mr. H. to Brit. Museum.

PORPHYRIO SMARAGDINUS, Temminck; *P. indicus*, Horsfield. Malayan peninsula and archipelago (never India).

*PORZANA SUPERCILIARIS; *Rallus superciliaris*, Eyton, *Ann. Mag. N. H.* 1845, p. 230. Nepal; Malacca.

STERNA (?) MARGINATA, Blyth, *J. A. S.* XV, 373. Bay of Bengal.

*PROCELLARIA? (*Qu.* No. 1728?) Bay of Bengal.

* We have seen a figure of a second species of this well marked generic form, from Asám.

*Tachypetes? Bay of Bengal.

*Podoa personata, G. R. Gray (*Ill. Proc. Zool. Soc.* pl.), *P. Z. S.*, May 9, 1848.

*Cygnus musicus; *Olor musicus*, Wagler: *Anas cygnus*, L. Nepal. Exceedingly rare.

*Mergellus albellus; *Mergus albellus* et *M. minutus*, L.; *M. fuscus*, Latham. Indus.

ADDENDA TO APPENDIX, No. 1.

Genus Palæornis, p. 4.

1833. P. Calthrapæ, Layard, *J. A. S.* XVIII, p. ,
Hab. Ceylon.
A. Female, or young male; marked 19, *D*, p. 314.

Genus Alcippe, p. 148.

1834. A. nigrifrons, Blyth, *J. A. S.* XVIII, p.
Hab. Ceylon.
A. Specimen presented by E. L. Layard, Esq.

Genus Drymocataphus, Blyth.*

1835. Dr. fuscocapillus, Blyth, *J. A. S.* XVIII, p.
Hab. Ceylon.
A. Specimen presented by do.

Genus Leucocerca, p. 206.

1836. L. compressirostris, Blyth, *J. A. S.* XVIII, p.
Hab. Ceylon.
A. Specimen presented by do.

Genus Nectarinia, p. 223.

1837. N. amethystina (Jardine's *Nat. Libr.*, *Nectariniidæ*, pl. 13).
Syn. *Certhia amethystina*, Shaw.
Cinnyris auratifrons, Vieillot.
Hab. S. Africa.
A. Specimen presented by do.

ADDENDA TO APPENDIX, No. 2.

No. 18. *B.* Female (?) from Ceylon. E. L. Layard, Esq.
46. *C.* Another. Do. Do.
98. *A.* Young, remarkably dark-coloured, from Ceylon. Presented by do.
105, var. *B.* *O.* Specimen from Ceylon. Do.

* The type of this genus is No. 1057.

171. *D.* Specimen (very small) from Ceylon, and perhaps rather referable to No. 172. Do.
177. *E.* Head from Ceylon (perhaps referable to *B. violaceus*). Do.
218. *B.* Young. S. Africa. E. L. Layard, Esq.
278, var. *D.* Male (very dark), from Ceylon. Do.
430. *E.* Young, from Ceylon. Do.
559. *B.* Specimen presented by Capt. W. S. Sherwill.
612. *A. B.* Replaced by finer specimens, presented by Capt. W. S. Sherwill.
614. *I.* Male, from Ceylon. Do.
616. *G.* Fine male, from the vicinity of Calcutta. Presented by the Curator.
743. *J.* Another, from Ceylon. E. L. Layard, Esq.
822. *B.* Another. Do.
860. *D.* Another Cinghalese specimen, similar to *C.* Do.
1079. *D.* Another, from Ceylon. Do.
1105. Seems identical with No. 1097.
1144. *F.* Young, from Ceylon. Do.
1219. *D. E.* Other examples of the small Cinghalese variety. Do.
1266. *C. D.* Specimens presented by Capt. Thos. Hutton.
1449. *I.* Large white chick. Babu Rajendra Mallika.
1456. *C.* Another male. E. L. Layard, Esq.
1462. *S.* Hen of large crested Polish breed of fowls. Presented by Babu Rajendra Mallika.
1541. *B. C.* Replaced by finer specimens, presented by Capt. W. S. Sherwill.
1606. *D.* Female, from Calcutta bazar, Sept. 29th. Presented by the Curator.
1642. *C.* Young, *pure white*, except some dusky-grey upon the winglet and coverts of the primaries, and at the bases of some of the dorsal feathers. Ceylon. E. L. Layard, Esq. *N. B.* This is an exceedingly interesting specimen, and goes far to prove by analogy the identity of the white *Herodias Greyi* with No. 1643.

ADDENDA TO APPENDIX, No. 3.

No. 18. P. LAYARDI, Blyth, *n. s. N. B.* As the Society has now received this species from Ceylon, and as there were some Ceylon birds in the Mauritius collection presented by Mr. Earle, there can be little doubt that No. 18, *A*, is erroneously assigned to the Mauritius, in p. 4.

19. *D.*, p. 314. Also 19, p. 316. Erase. The Cinghalese P. ÇALTHRAPÆ, p. 340, being very distinct.

201. Vide p. 320. According to Mr. Strickland, HALCYON SMYRNENSIS of Asia is identical with the common Indian species. Vide *Ann. Mag. H. H.* IX, 440.

341. *I.* This specimen is from Masuri or the Deyra Doon, and pertains to No. 342.

146. For "*Brachyurus*," read *Braekyotus*.

615. HAB. Also Ceylon.
659. CARPODACUS GRANDIS, Blyth, *J. A. S.* XVIII, p.
663. H. SIPAHI, (H.): the name *bötonensis* referring to the island off the S. E. extremity of Celebes.
748. SYN. *Duree Finch*, Latham.
773. B. CAMPESTRIS; *Motacilla campestris*, Pallas.
821, 822. These are probably identical.
1291. This is I. LAFRESNAYI, Hartlaub, *Mag. de Zool.* 1845, pl. 60.
1468. SYN. *Sylhet Pheasant*, Latham.
1470, hybrid variety. SYN. *Nepal* and *Coloured Pheasant*, Latham. *N. B.* The *Chittagong Pheasant* of that author has no prototype in nature, certainly at least in Chittagong.
1490. SYN. *Rock Partridge*, Latham.
1492. SYN. *Bahtah Grouse*, Latham: *Pin-tailed Grouse* of sportsmen.
1518. *Lanwar Partridge*, Latham.
1577. HAB. Also Asám.
1637. *Canna Coca*, Cingh.
1651. *Carawal Coca*, Cingh.
1660. *Willi Cucula*, Cingh.
1831. Is female of No. 26.

ADDENDA TO APPENDIX, No. 5.

1737. Skull, from the Cape. Presented by Capt. W. S. Sherwill.
1753. Skeleton, presented by the Curator.

FURTHER ADDENDA TO APPENDIX, No. 1.

Genus MILVUS, p. 31.

1838. M. ÆGYPTIUS (*Hist. de l' Egypte, Ois.* t. 3, f. 1).
SYN. *Falco ægyptius* et *F. Forskalii*, Gmelin.
F. parasitus, Daudin.
F. parasiticus, Latham.
HAB. Africa.
A. Specimen from the Cape G. Hope, presented by Capt. W. S. Sherwill.

Genus GEOCOLAPTES, Burchell.

1839. G. OLIVACEUS (Levaillant, *Ois. d'Afr.*, pl. 254).
SYN. *Picus olivaceus*, Latham.
P. arator, Cuvier.
G. terrestris, Burchell.
HAB. S. Africa.
A. Female, presented by Capt. W. S. Sherwill.

Genus CYPSELUS, p. 85.

1840. C.———? (like No. 425, but with pure white throat and acutely furcate tail).

HAB. S. Africa.

A. Specimen presented by Capt. W. S. Sherwill.

Genus PTILOTURUS, Swainson.

1841. PT. CAFER (*Pl. Enl.* 637).

SYN. *Merops cafer* et *Upupa promerops*, L.

HAB. S. Africa.

A. Specimen presented by Capt. W. S. Sherwill.

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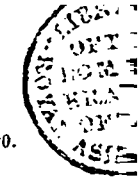

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